

FIG. 1

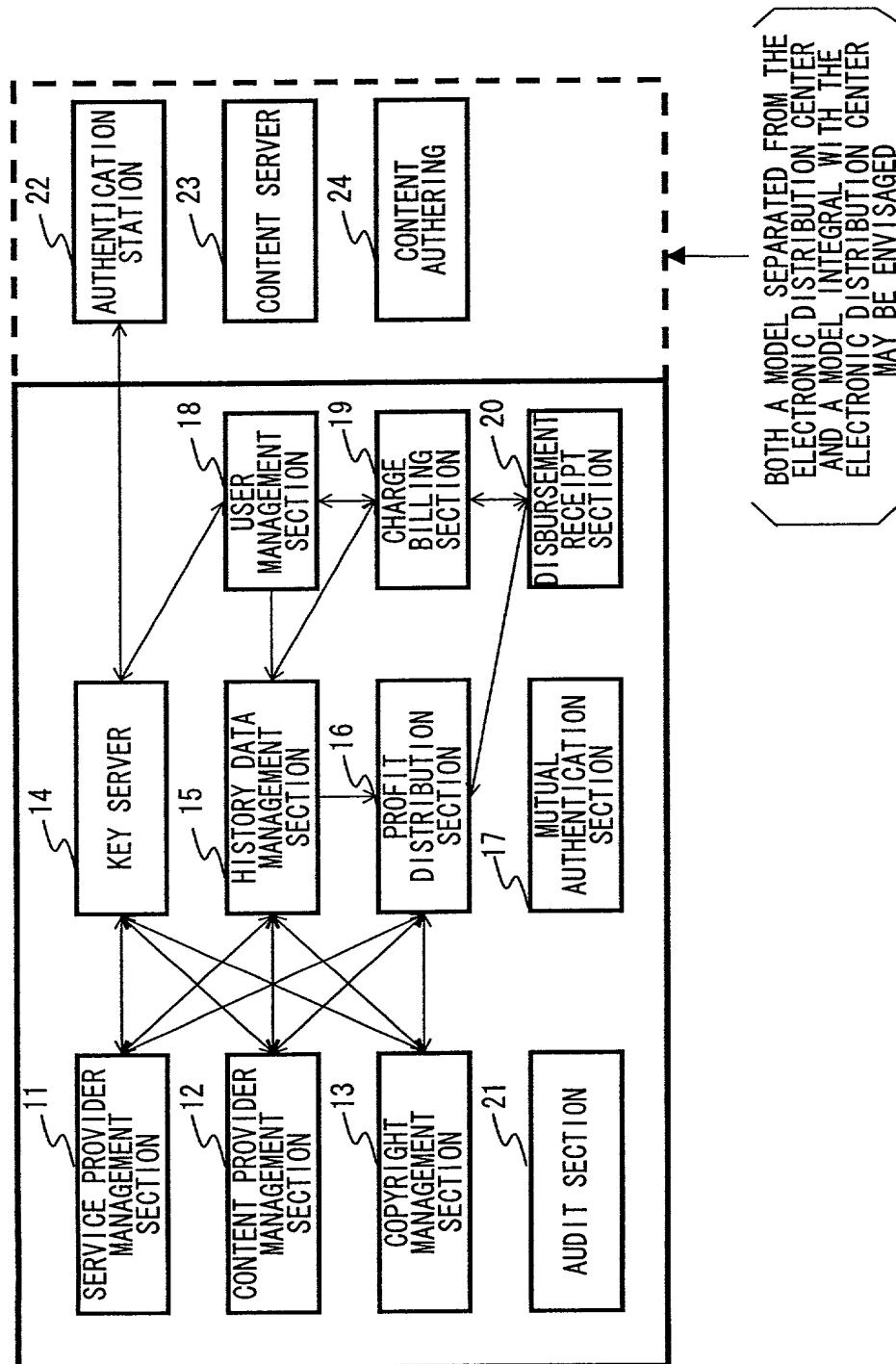
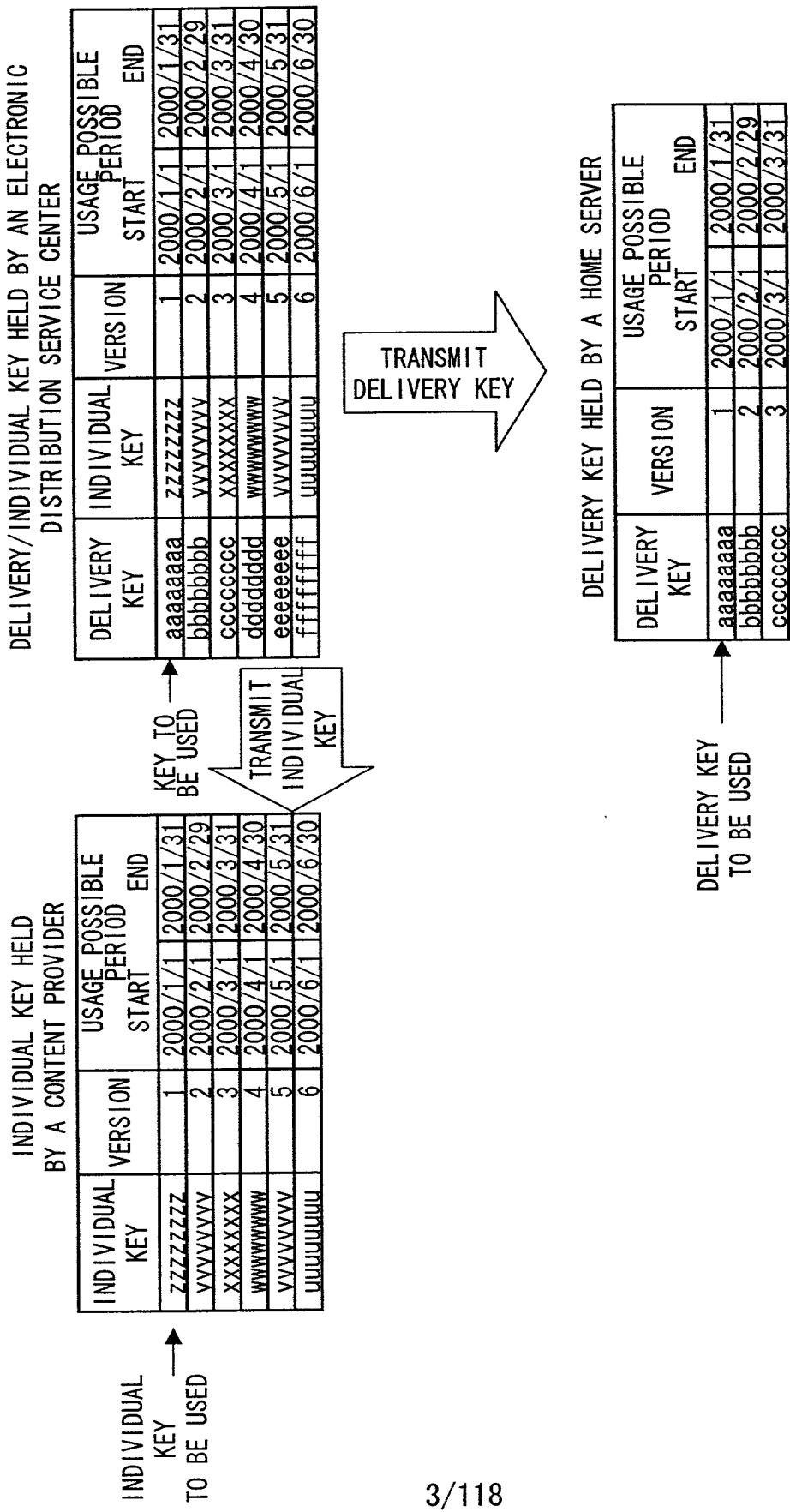


FIG. 2



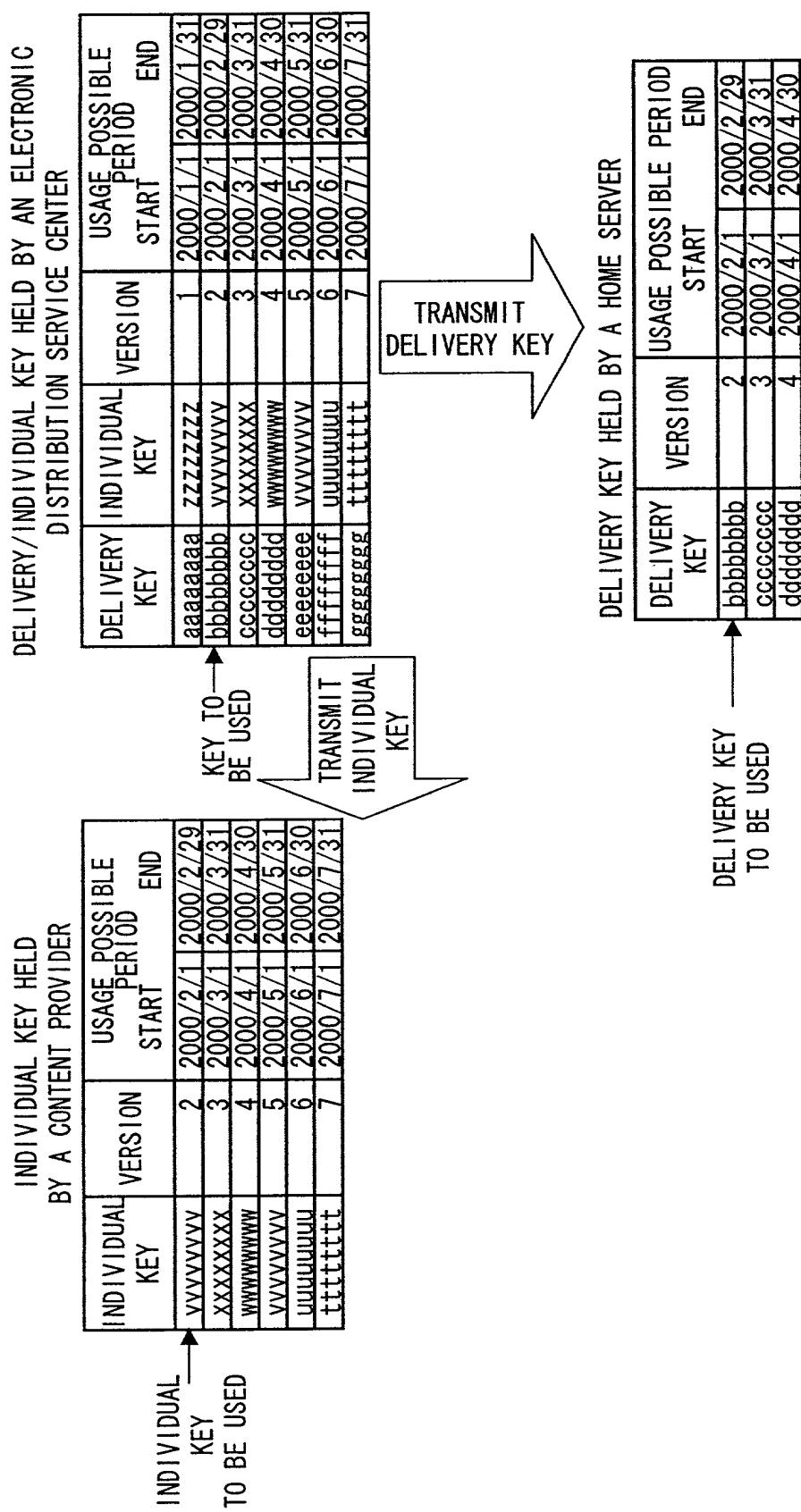


FIG. 4

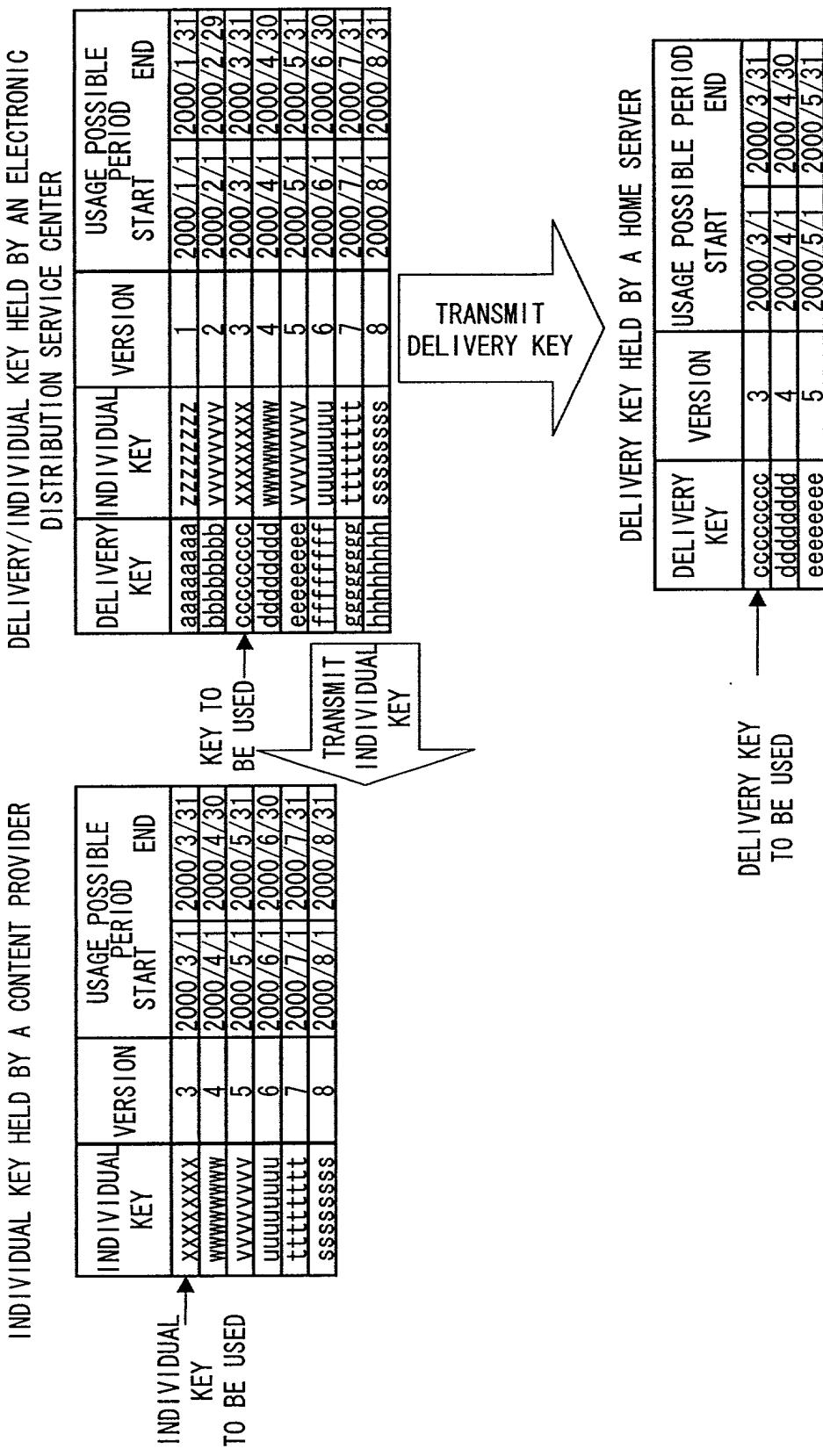
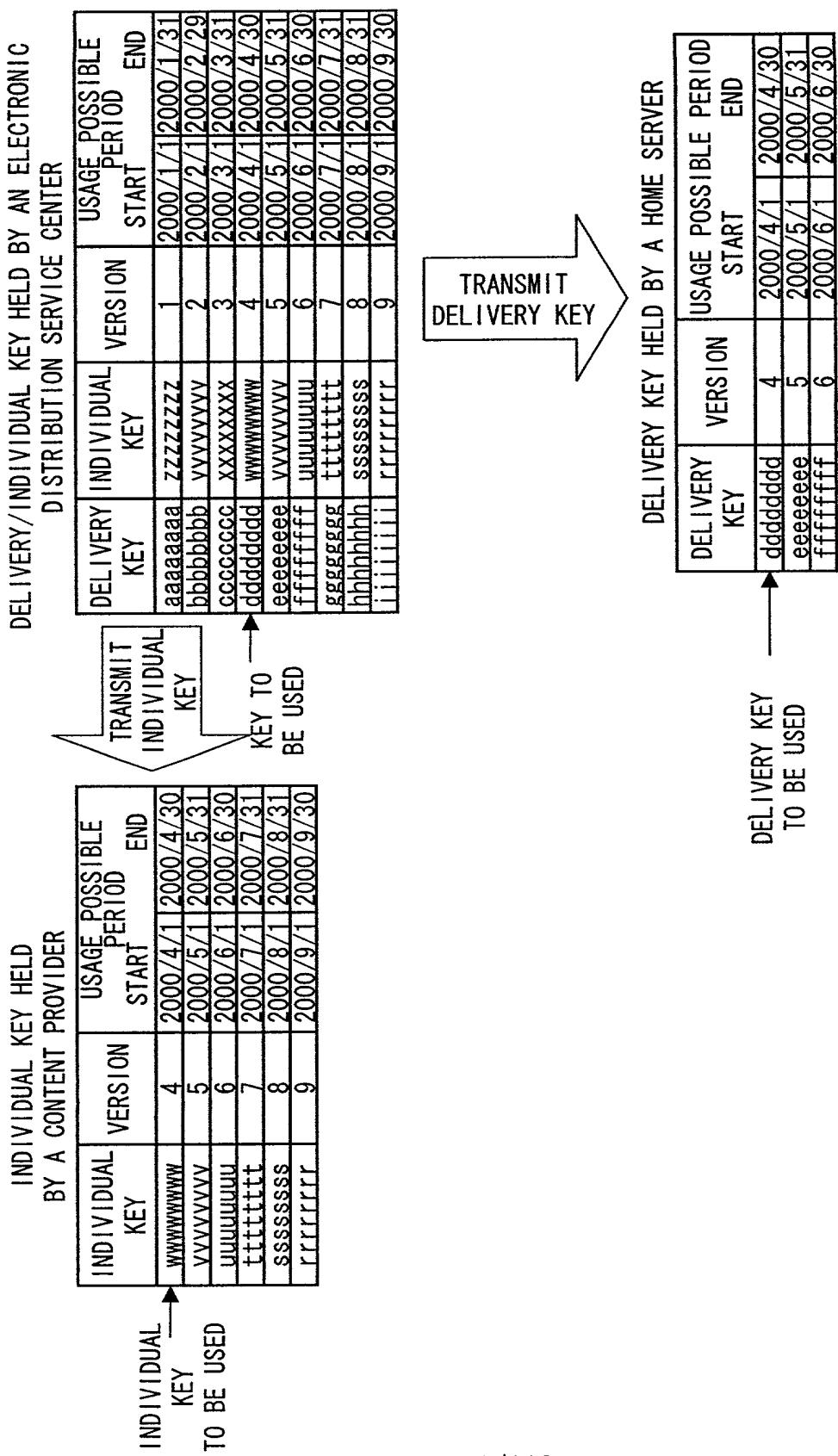


FIG. 5



GROUP ID	ID	CONNECTION WITH A SERVICE CENTER	SETTLEMENT PROCESSING	PURCHASE PROCESSING	PROXY SETTLER	PROXY PURCHASER	REGISTRATION
Gp ID1	D1	POSSIBLE	POSSIBLE	POSSIBLE	—	—	POSSIBLE
	D2	POSSIBLE	IMPOSSIBLE	POSSIBLE	D1	—	POSSIBLE
	D3	POSSIBLE	IMPOSSIBLE	POSSIBLE	D1	—	IMPOSSIBLE
	D4	IMPOSSIBLE	IMPOSSIBLE	IMPOSSIBLE	—	D1	POSSIBLE
	D5	IMPOSSIBLE	IMPOSSIBLE	IMPOSSIBLE	—	D2	IMPOSSIBLE
Gp ID2	D6	POSSIBLE	POSSIBLE	POSSIBLE	—	—	IMPOSSIBLE
	D7	POSSIBLE	IMPOSSIBLE	POSSIBLE	D6	—	IMPOSSIBLE
	D8	POSSIBLE	IMPOSSIBLE	POSSIBLE	D6	—	POSSIBLE
	D9	IMPOSSIBLE	IMPOSSIBLE	IMPOSSIBLE	—	D6, 7, 8	IMPOSSIBLE
	D10	IMPOSSIBLE	IMPOSSIBLE	IMPOSSIBLE	—	D6, 7, 8	POSSIBLE
Gp ID3	D11	POSSIBLE	POSSIBLE	POSSIBLE	—	—	IMPOSSIBLE
	D12	POSSIBLE	IMPOSSIBLE	POSSIBLE	D11	—	IMPOSSIBLE
	D13	POSSIBLE	IMPOSSIBLE	POSSIBLE	D11	—	POSSIBLE
	D14	IMPOSSIBLE	IMPOSSIBLE	IMPOSSIBLE	—	D11, 12, 13	IMPOSSIBLE
	D15	IMPOSSIBLE	IMPOSSIBLE	IMPOSSIBLE	—	D11	POSSIBLE

FIG. 7

GROUP ID	1 D	CONNECTION WITH A SERVICE CENTER	SETTLEMENT PROCESSING	SETTLEMENT ID	PURCHASE PROCESSING	PROXY SETTLER PURCHASER	REGIS- TRATION	SIG- NATURE
(A) Gp ID1	ID1	POSSIBLE	IMPOSSIBLE	SETTLEMENT ID 1	POSSIBLE	—	POSSIBLE	POSSIBLE
	ID2	POSSIBLE	IMPOSSIBLE	—	POSSIBLE	ID1	—	POSSIBLE
	ID3	POSSIBLE	IMPOSSIBLE	—	POSSIBLE	ID1	—	IMPOSSIBLE
	ID4	IMPOSSIBLE	IMPOSSIBLE	—	IMPOSSIBLE	—	ID1	POSSIBLE
	ID5	IMPOSSIBLE	IMPOSSIBLE	—	IMPOSSIBLE	—	ID2	IMPOSSIBLE

(A)

GROUP ID	1 D	CONNECTION WITH A SERVICE CENTER	SETTLEMENT PROCESSING	SETTLEMENT ID	PURCHASE PROCESSING	PROXY SETTLER PURCHASER	REGIS- TRATION	SIG- NATURE
(B) Gp ID2	ID6	POSSIBLE	POSSIBLE	SETTLEMENT ID 2	POSSIBLE	—	POSSIBLE	POSSIBLE
	ID7	POSSIBLE	IMPOSSIBLE	—	POSSIBLE	ID6	—	POSSIBLE
	ID8	POSSIBLE	IMPOSSIBLE	—	POSSIBLE	ID6	—	IMPOSSIBLE
	ID9	IMPOSSIBLE	IMPOSSIBLE	—	IMPOSSIBLE	—	ID6, 7, 8	POSSIBLE
	ID10	IMPOSSIBLE	IMPOSSIBLE	—	IMPOSSIBLE	—	ID6, 7, 8	IMPOSSIBLE

(B)

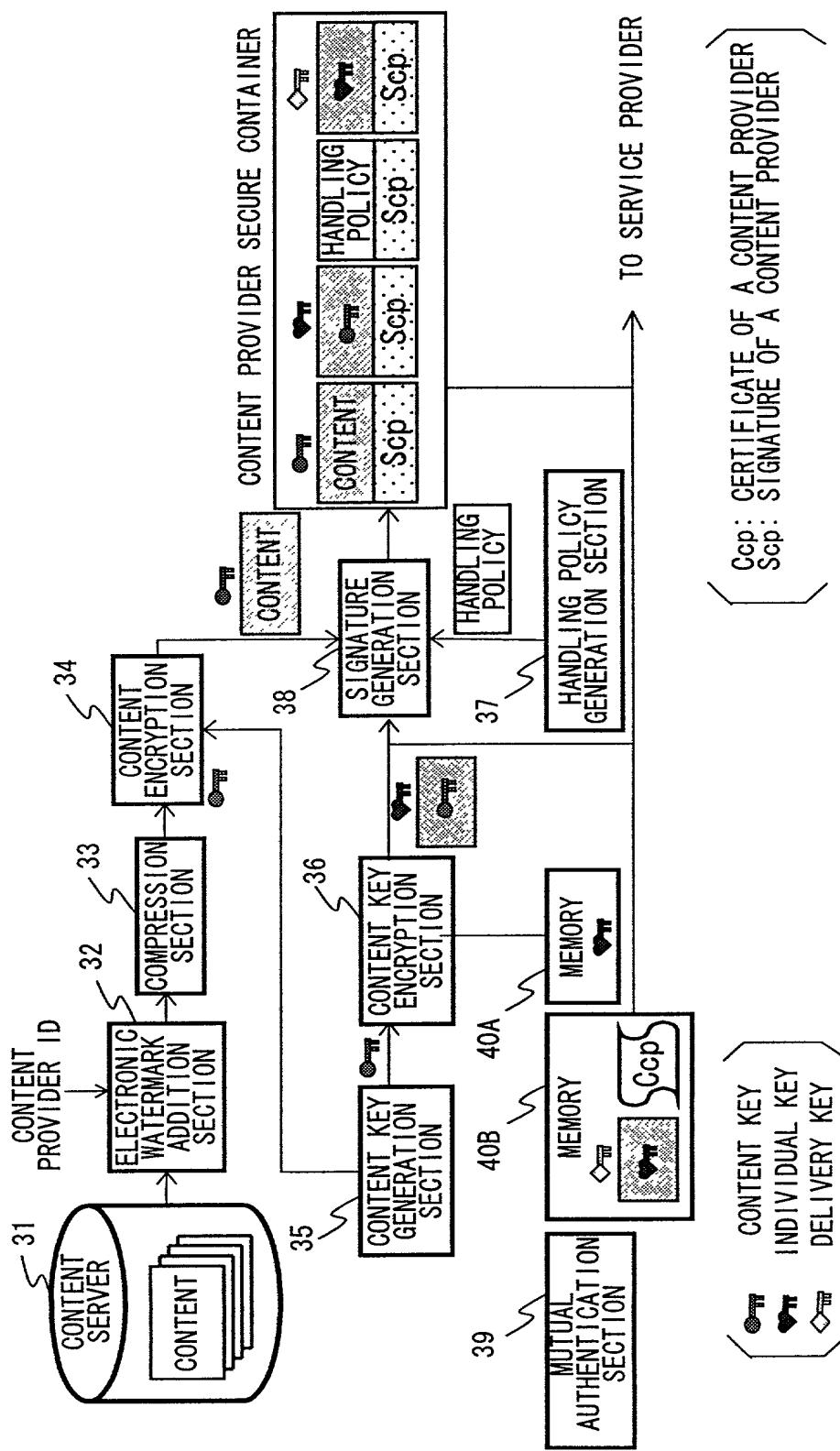


FIG. 9

(SIGNATURE GENERATION)

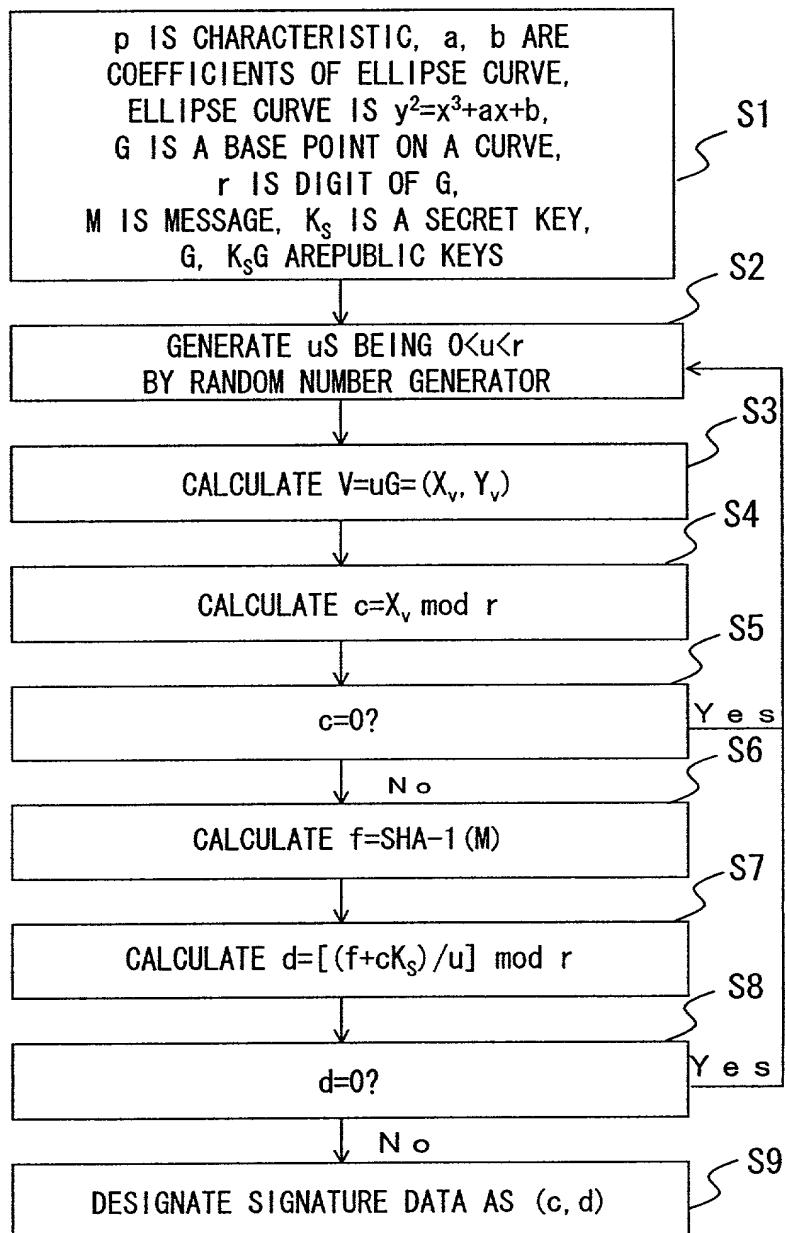


FIG. 10

(SIGNATURE VERIFICATION)

p IS CHARACTERISTIC, a, b ARE COEFFICIENTS OF ELLIPSE CURVE, ELLIPSE CURVE IS $y^2=x^3+ax+b$, G IS A BASE POINT ON A CURVE, r IS DIGIT OF G, M IS MESSAGE, G, $K_s G$ ARE PUBLIC KEYS

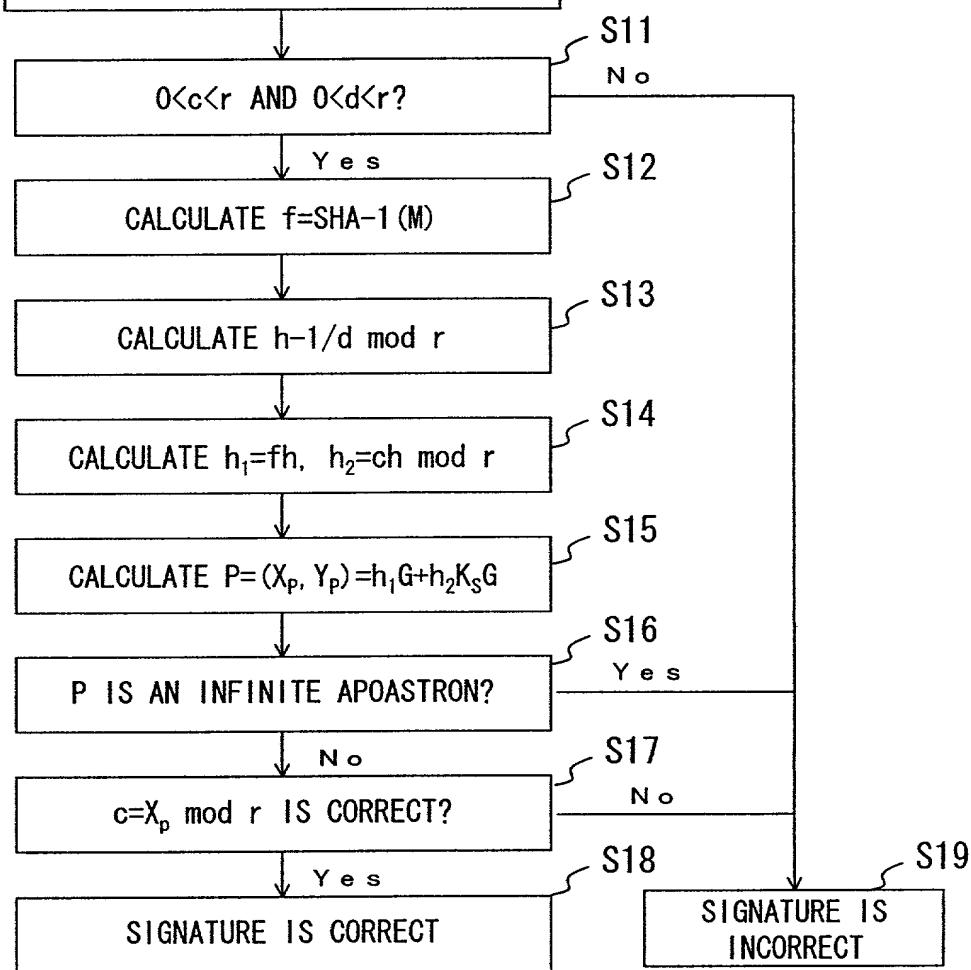


FIG. 11

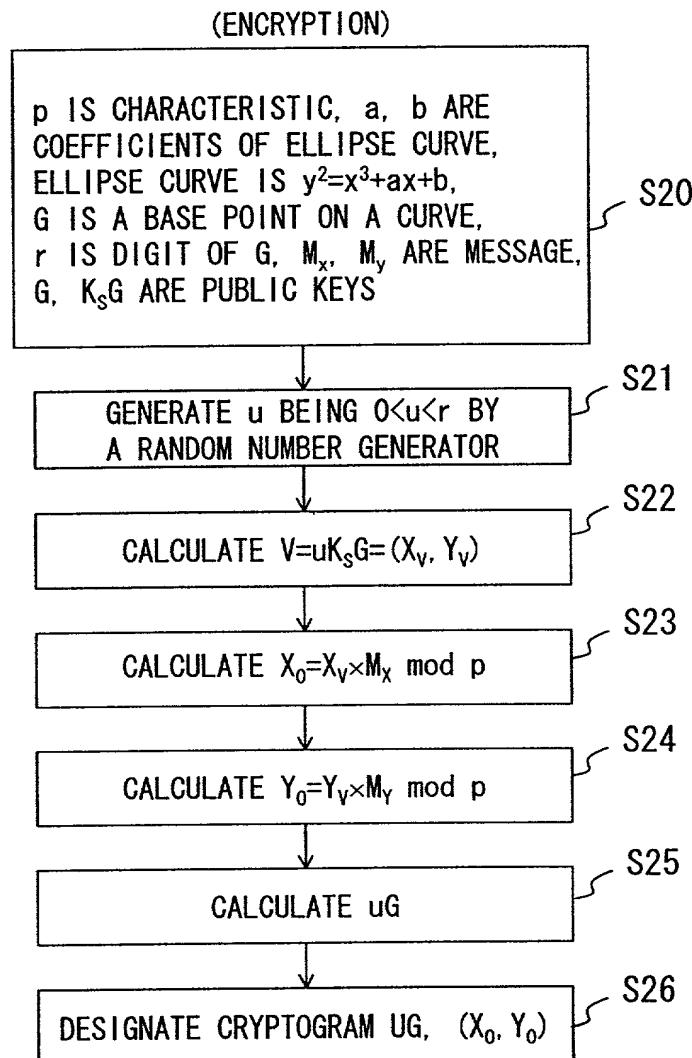


FIG. 12

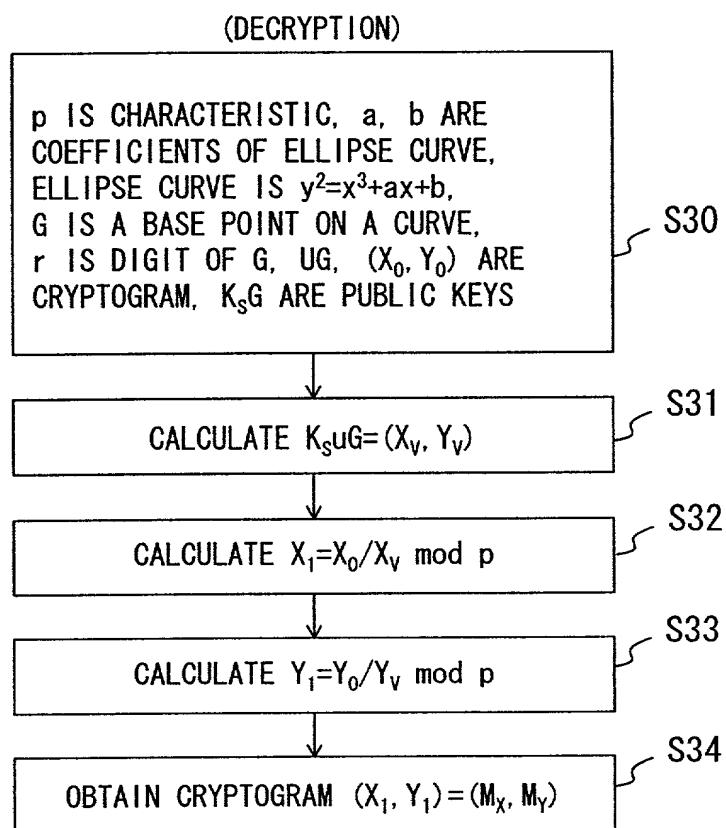


FIG. 13

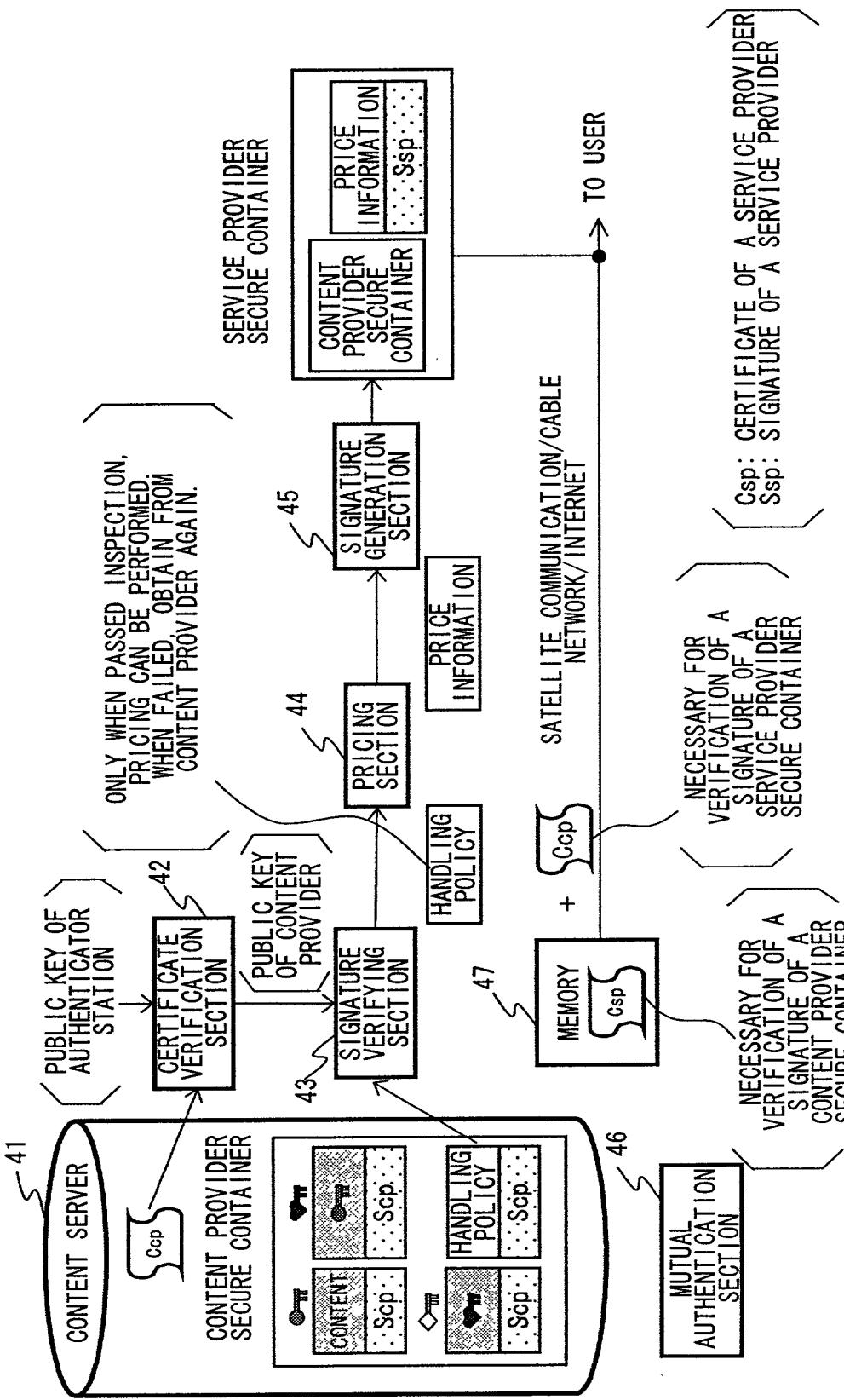
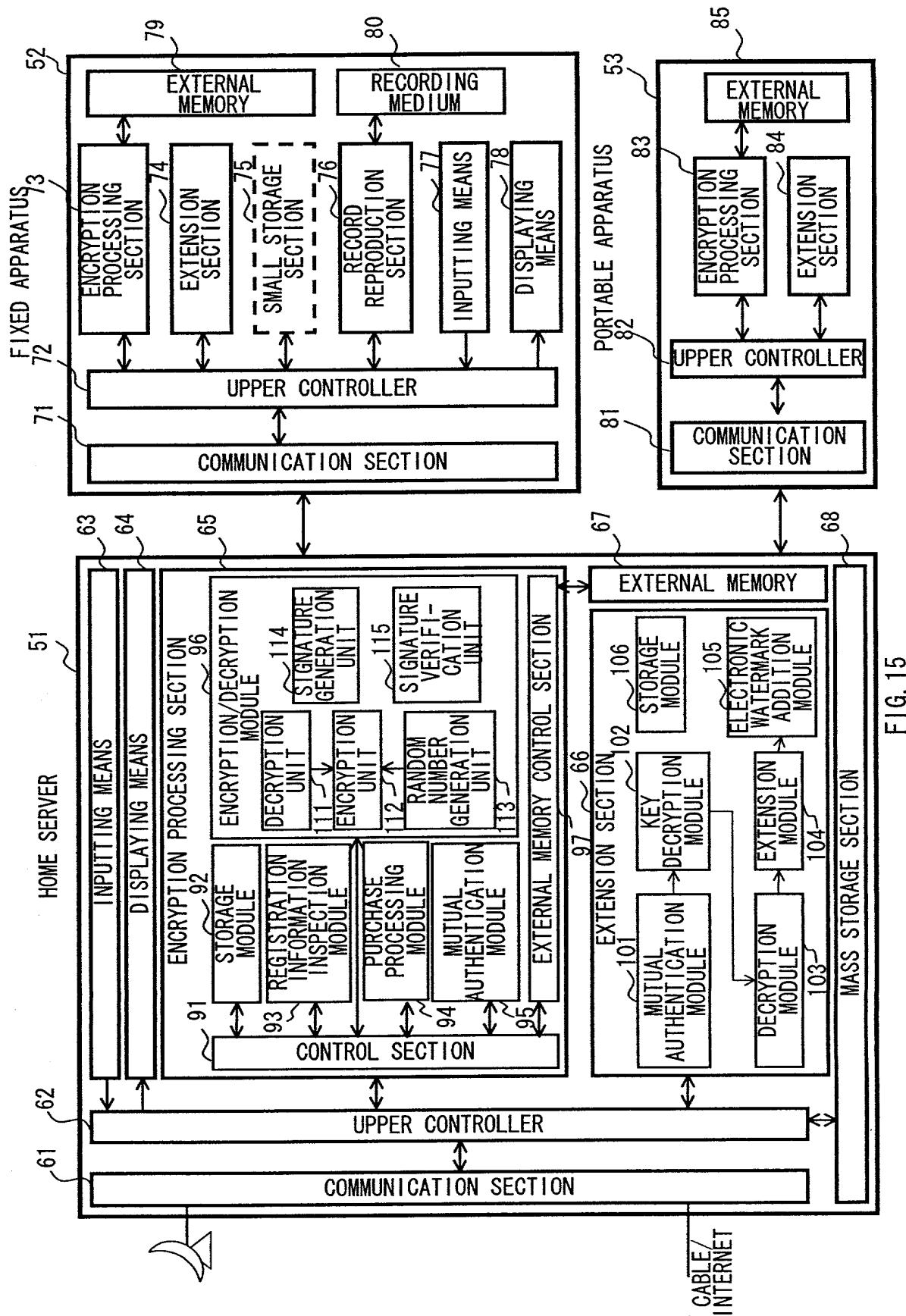


FIG. 14



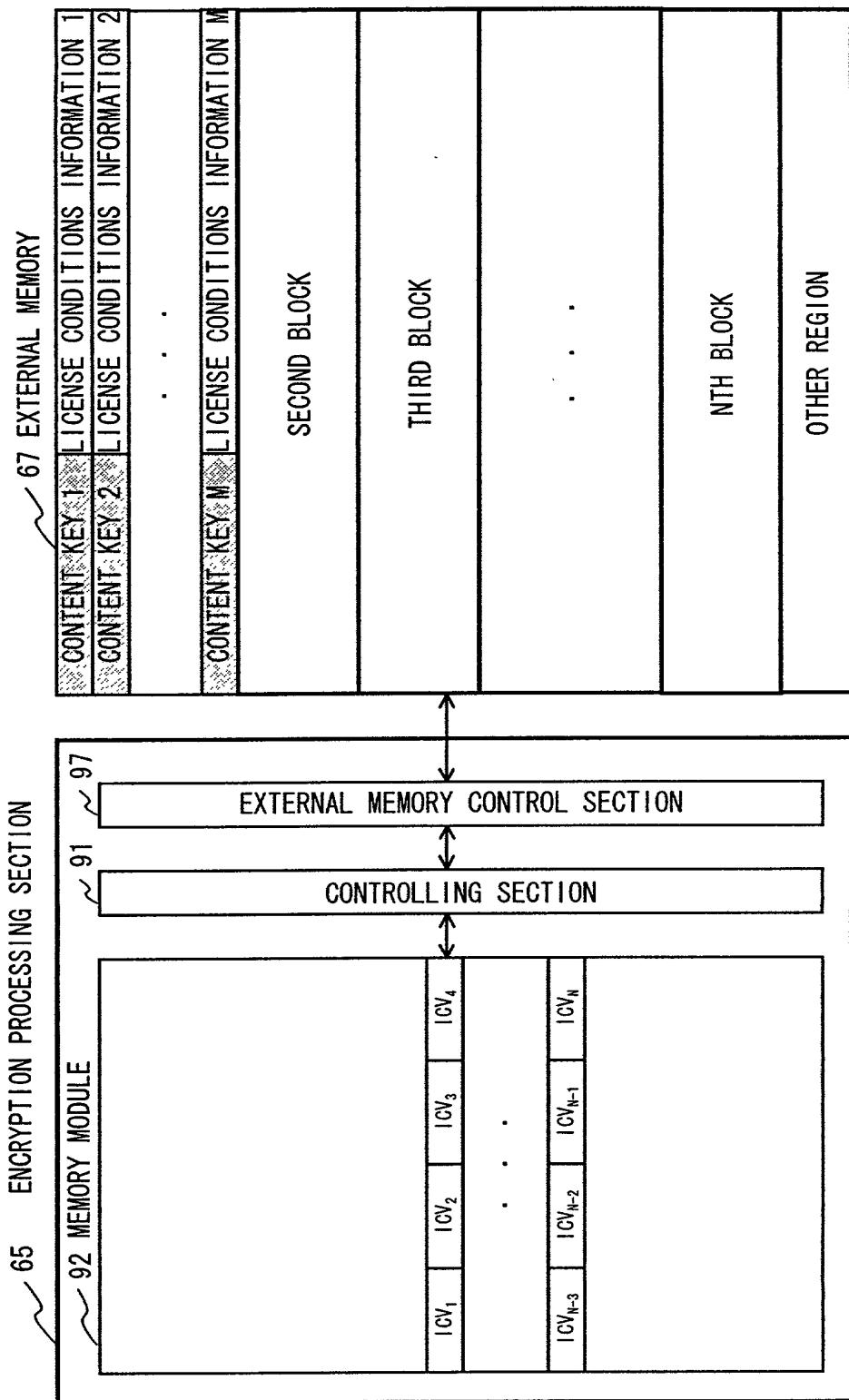


FIG. 16

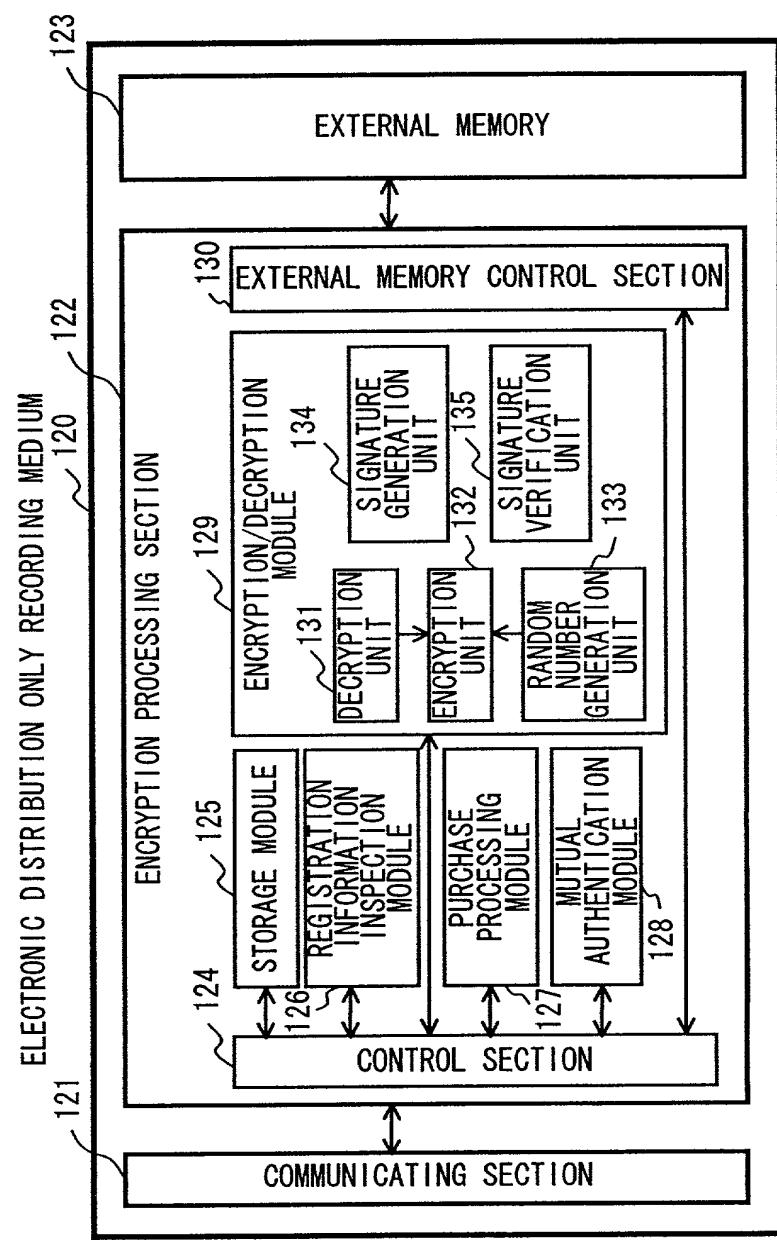


FIG. 17

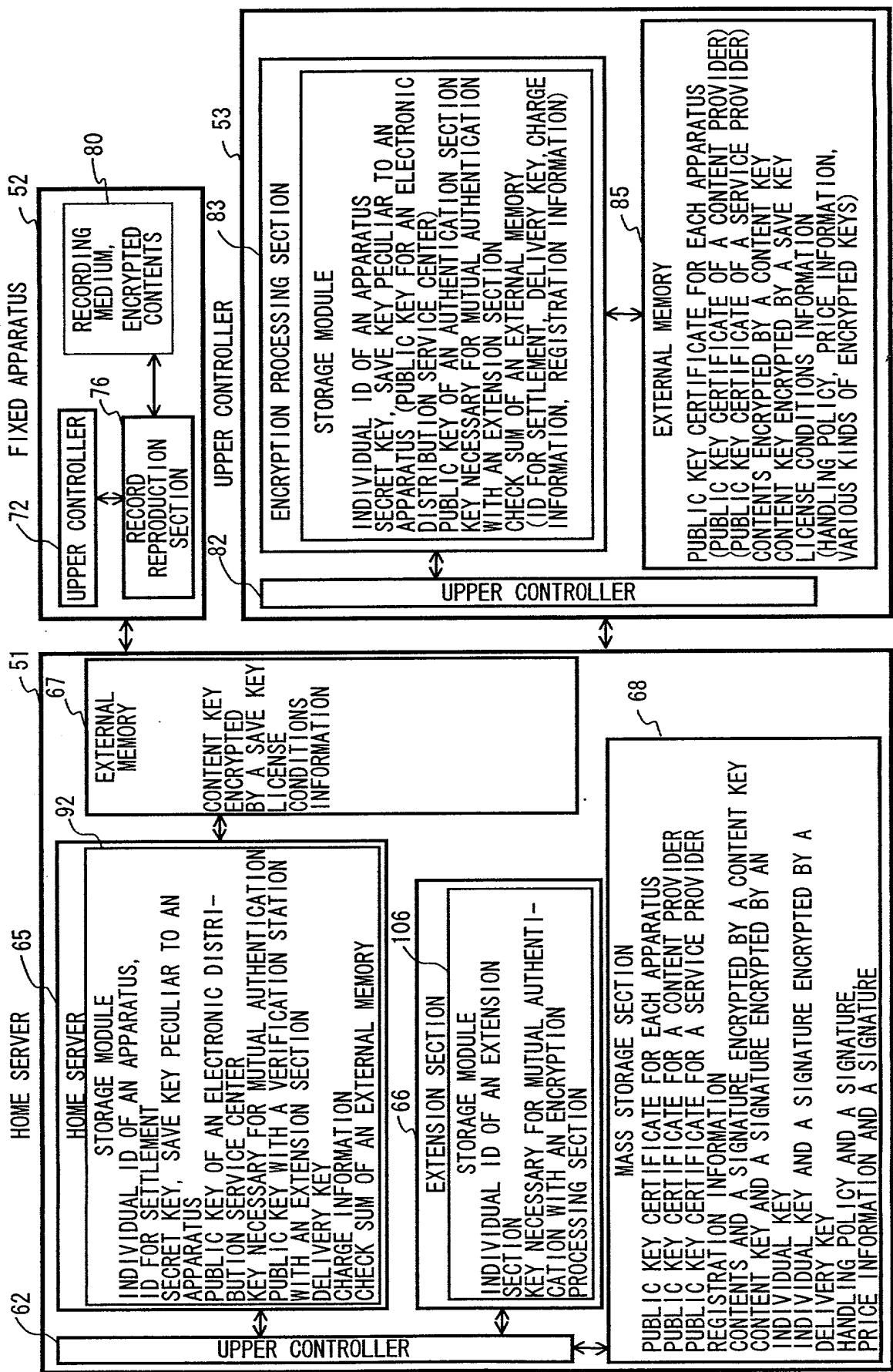


FIG. 18

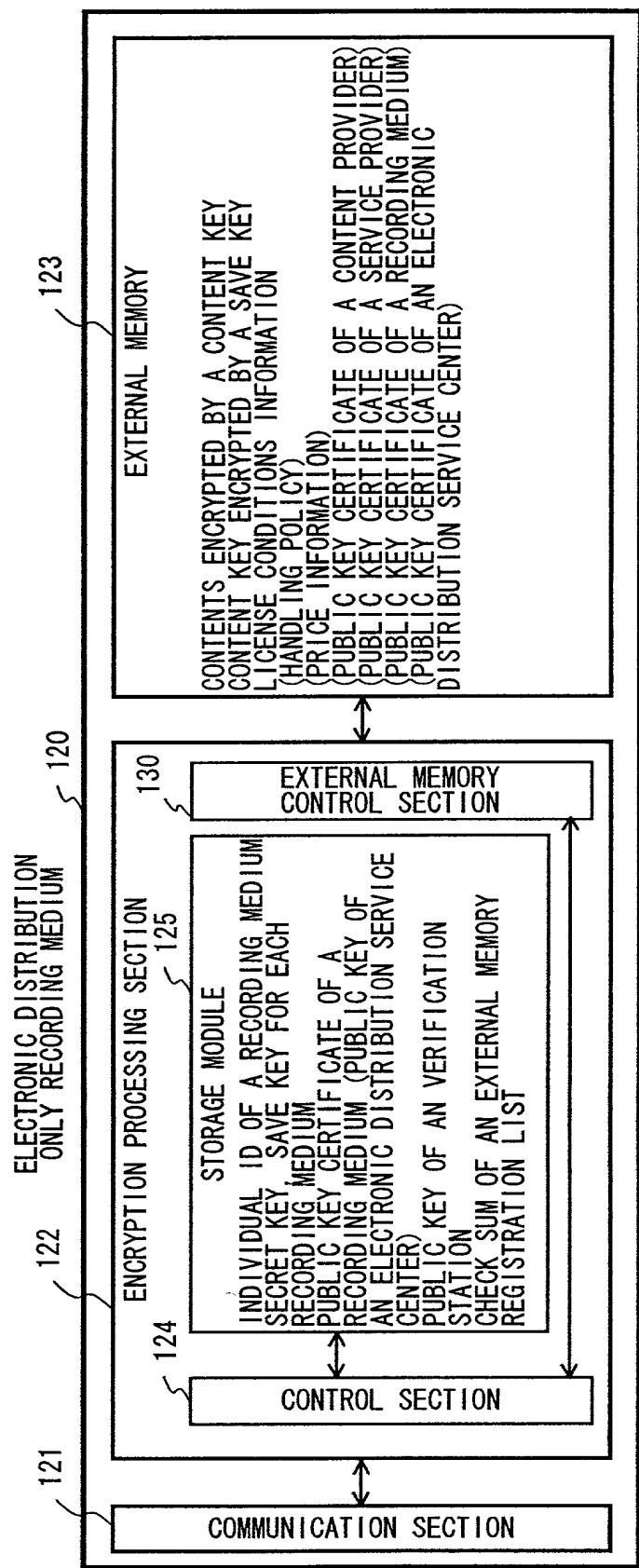


FIG. 19

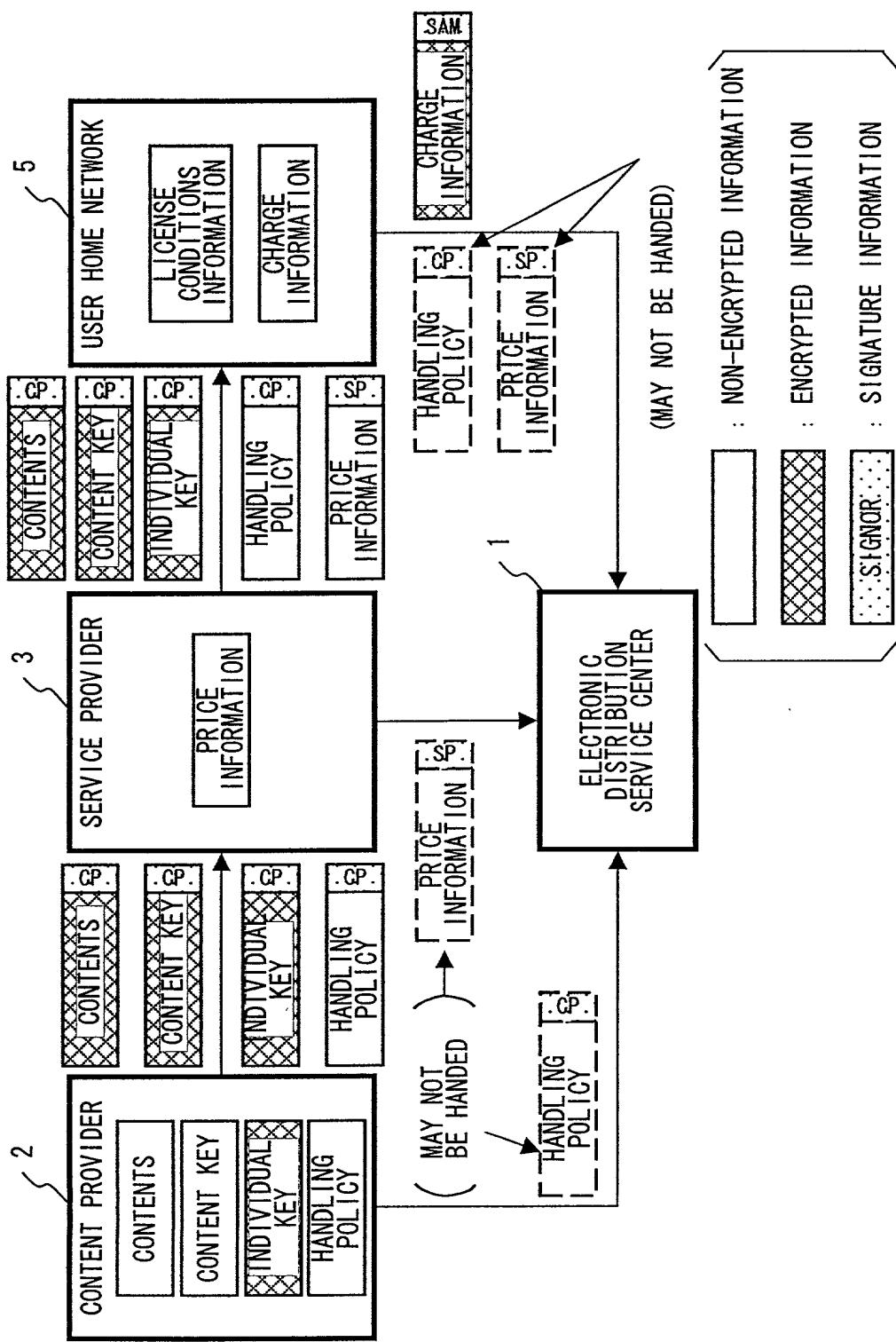


FIG. 20

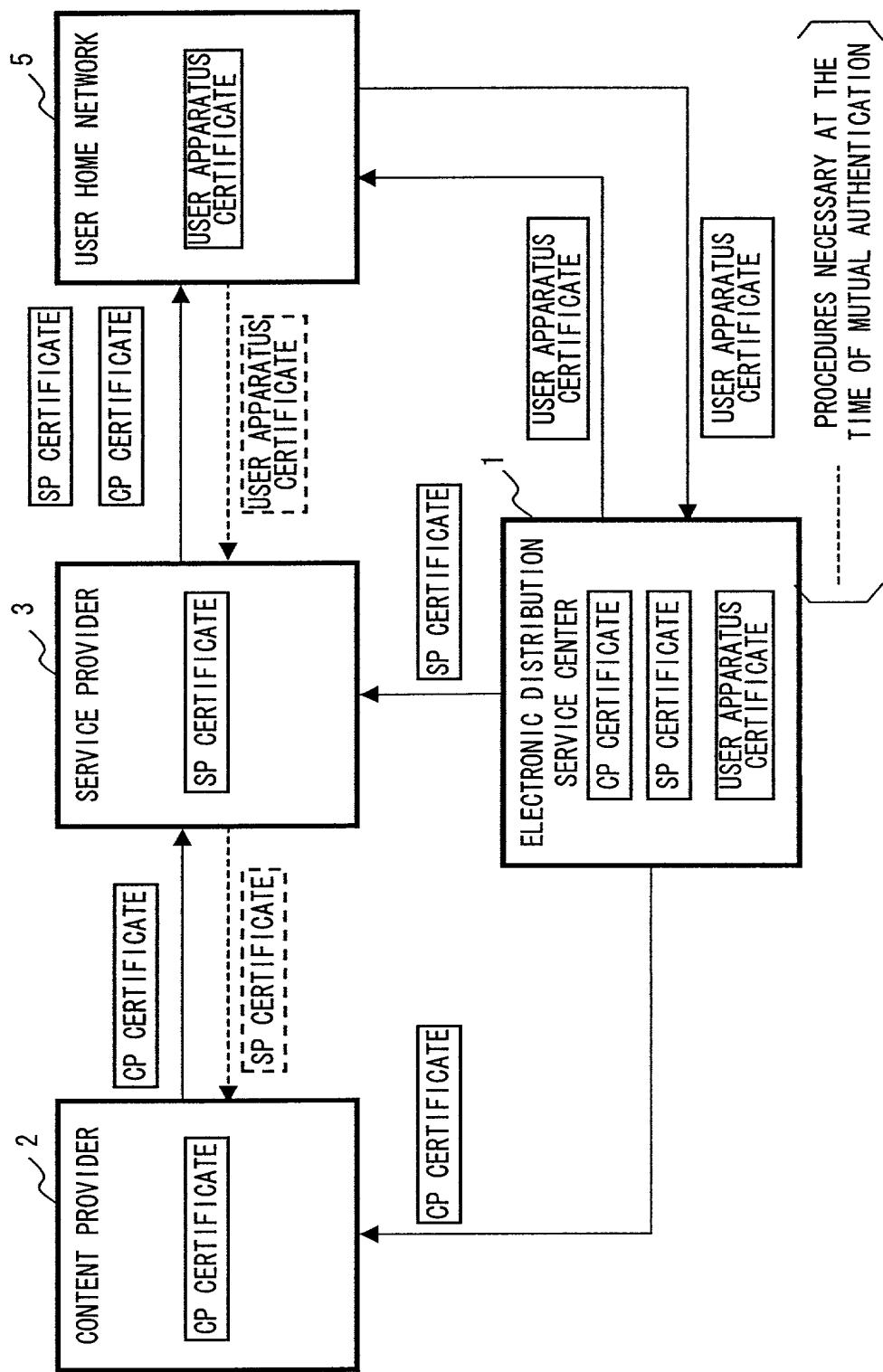


FIG. 21

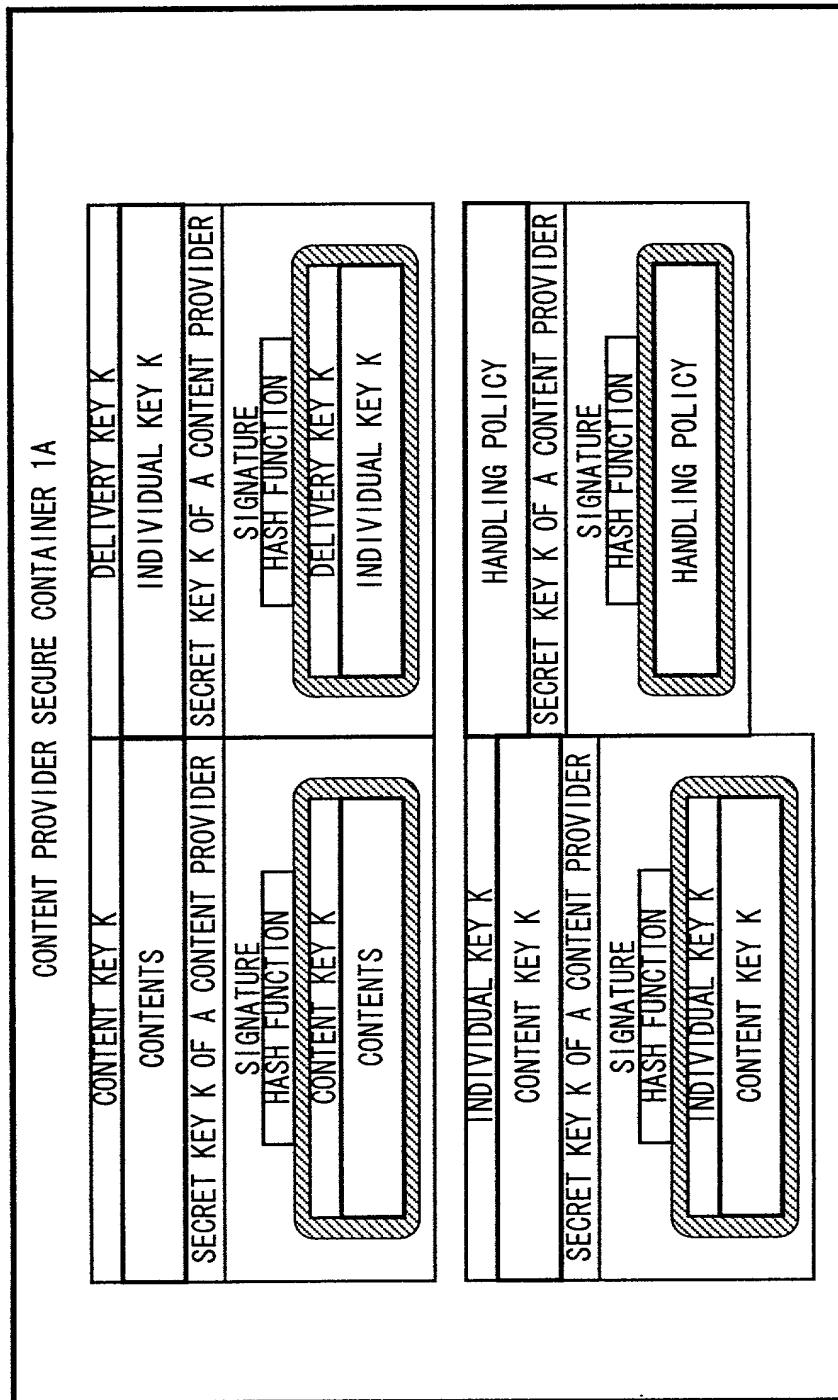


FIG. 22

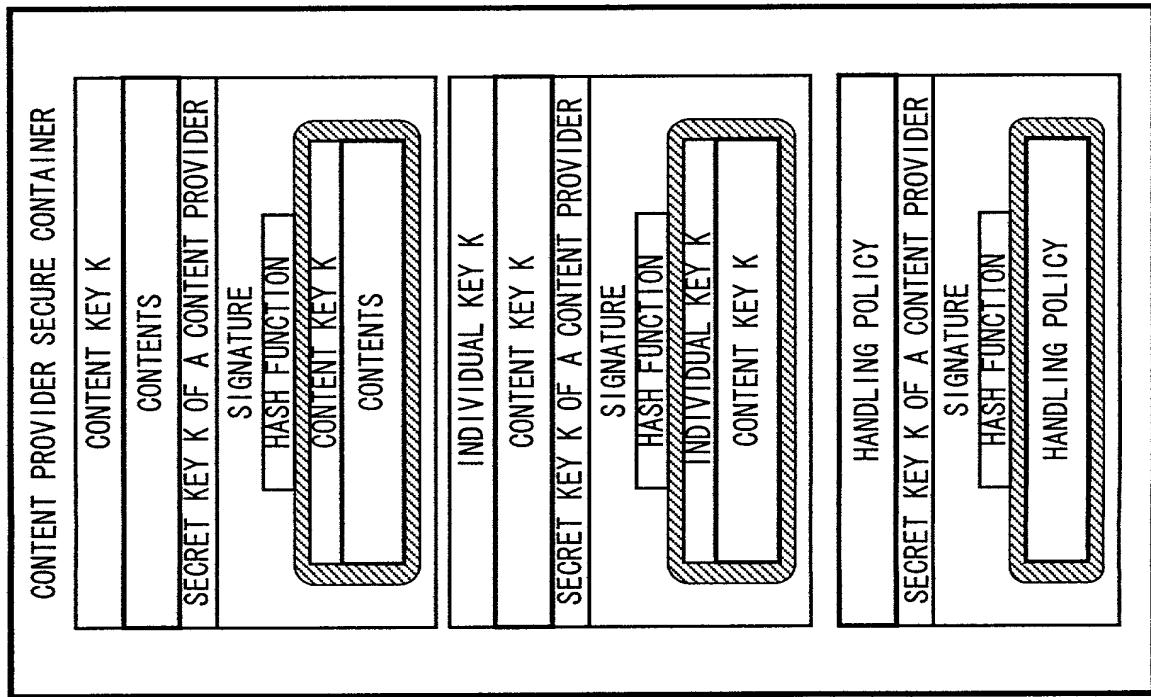


FIG. 23

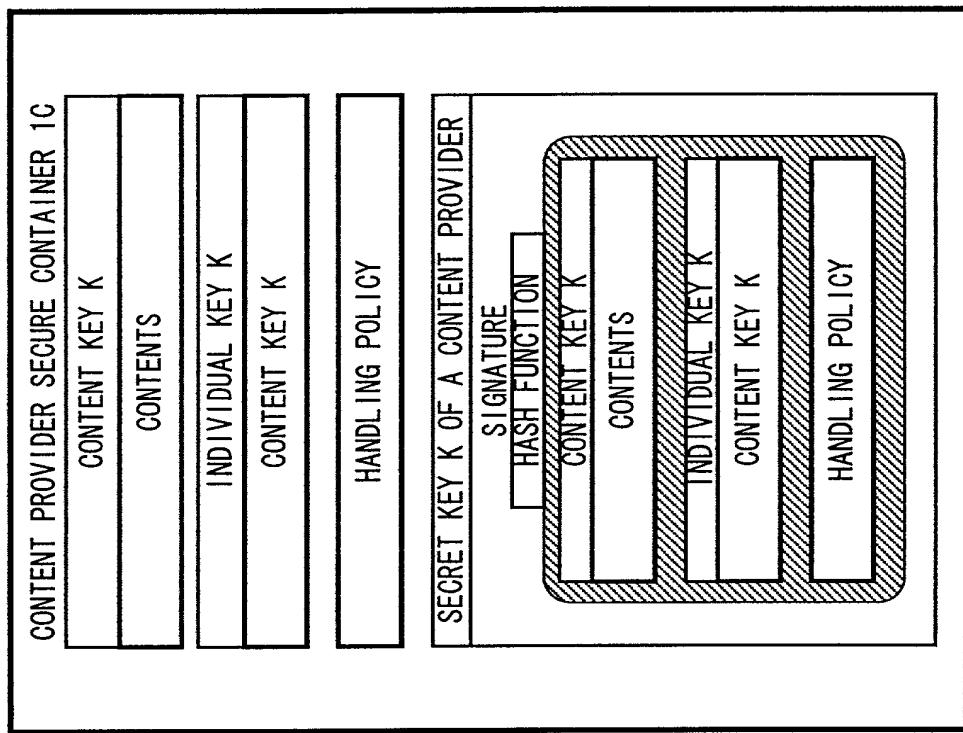


FIG. 24

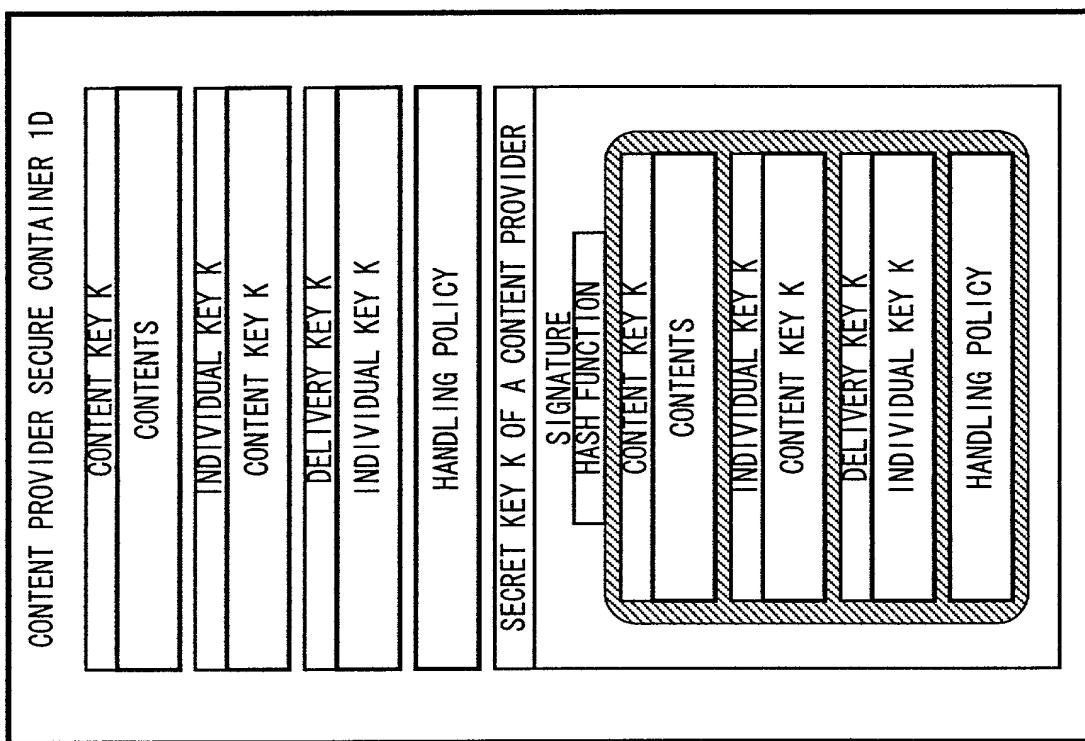


FIG. 25

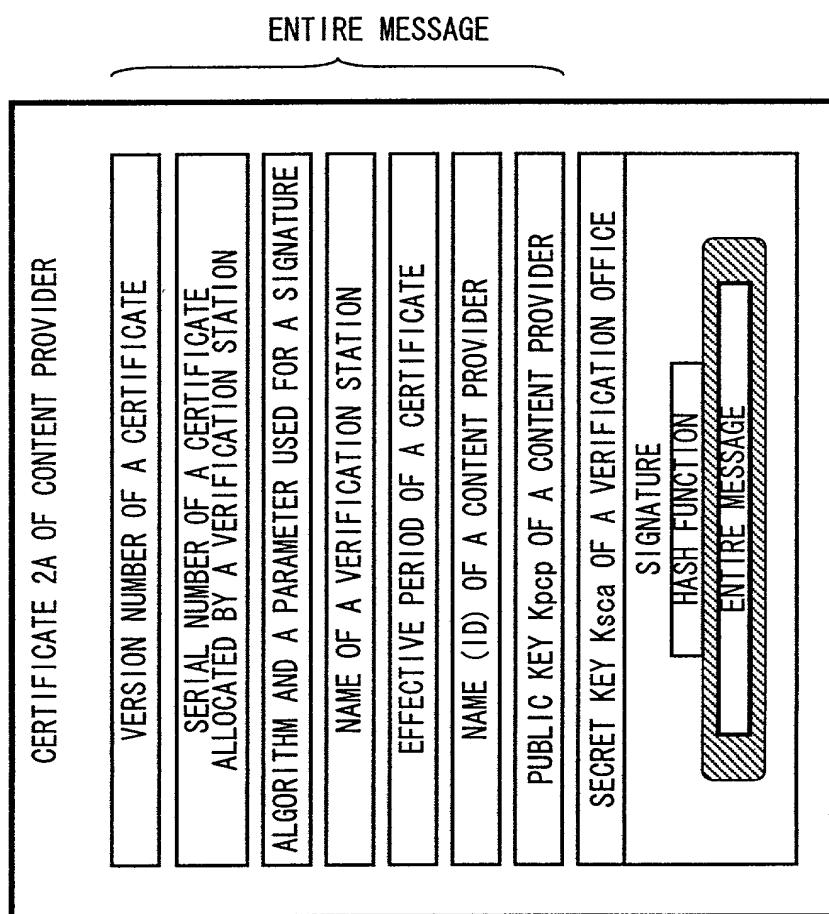


FIG. 26

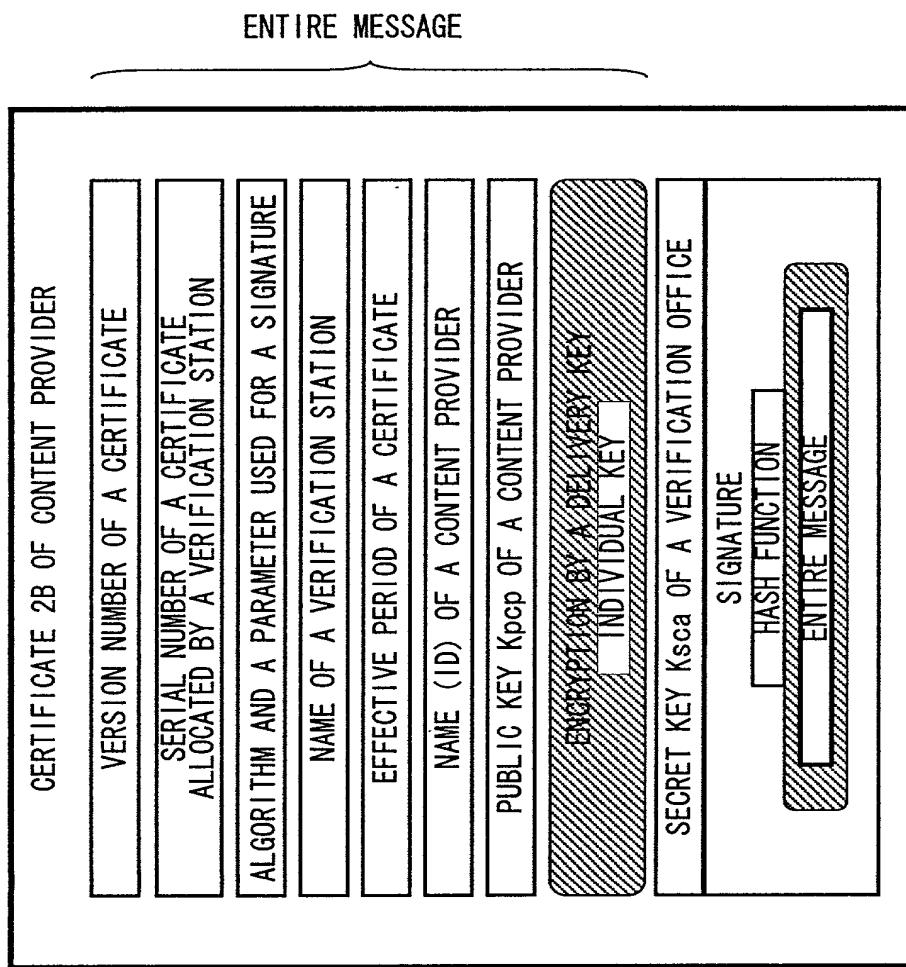


FIG. 27

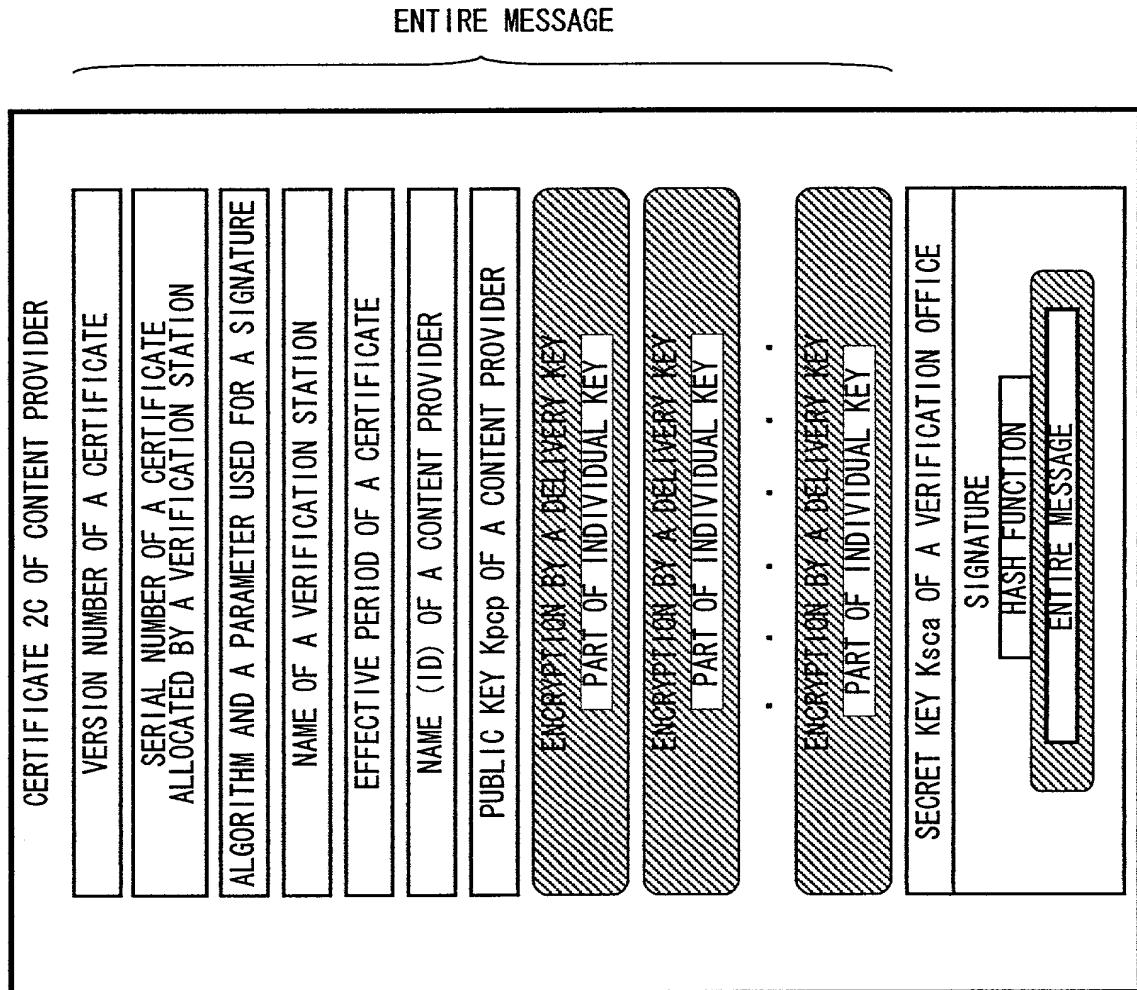


FIG. 28

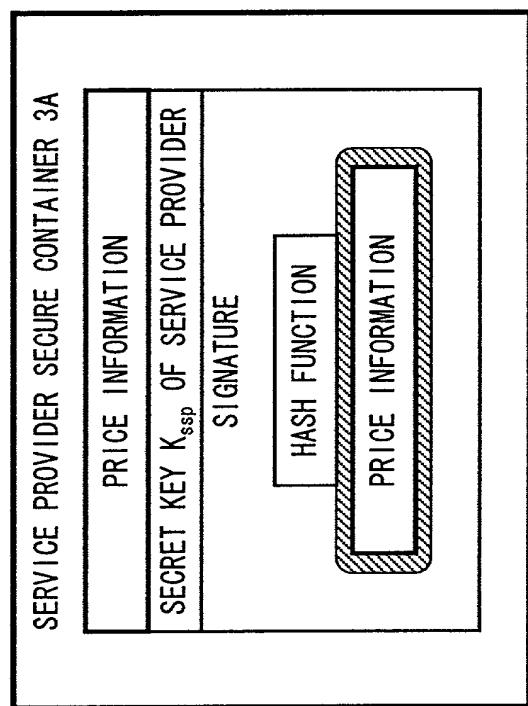


FIG. 29

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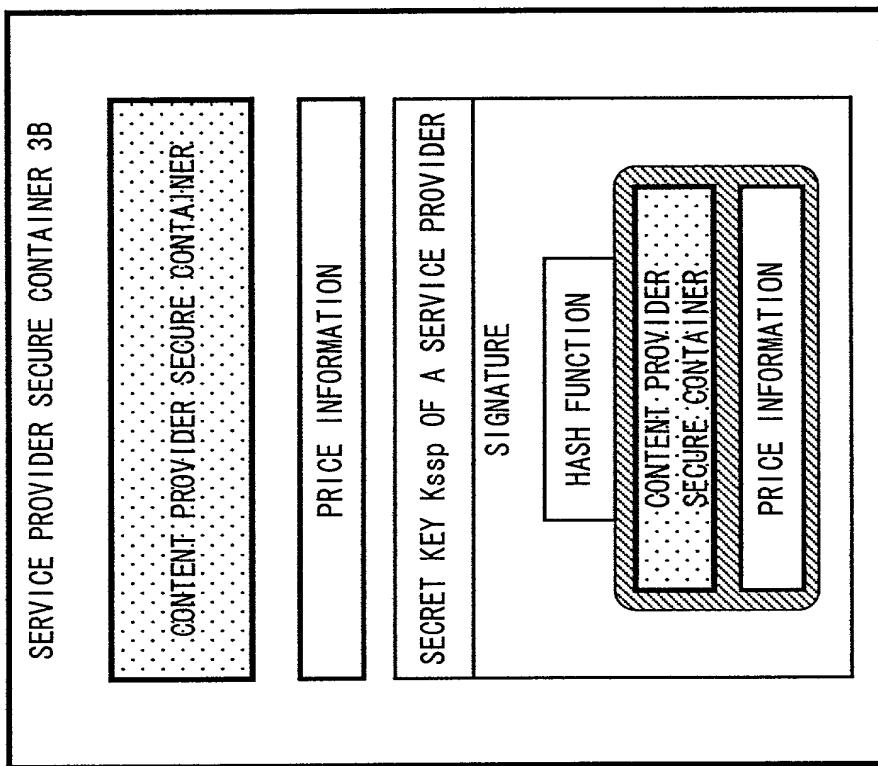


FIG. 30

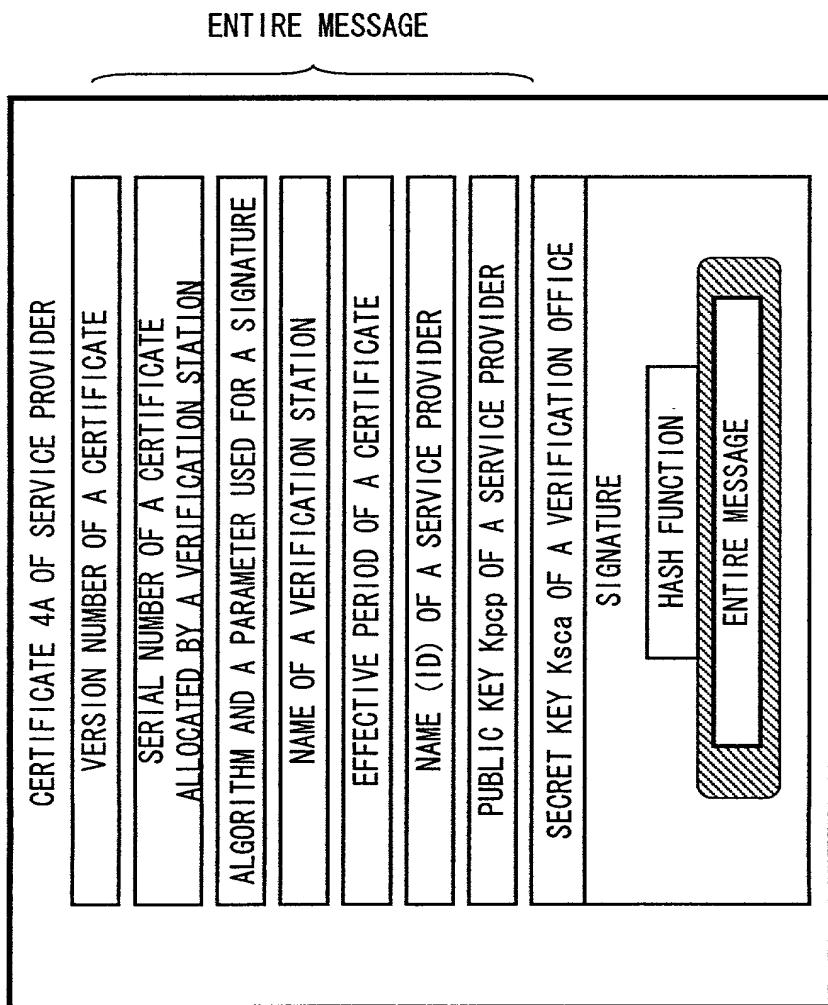


FIG. 31

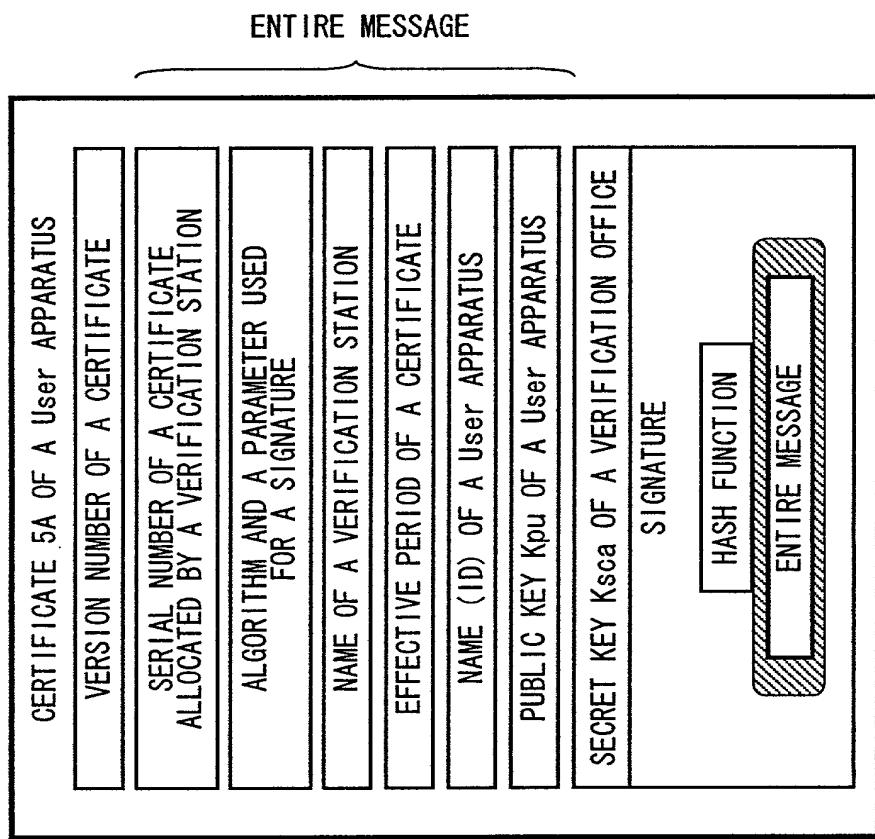


FIG. 32

TYPE OF DATA	
TYPE OF A HANDLING POLICY (SINGLE)	
EFFECTIVE PERIOD OF A HANDLING POLICY	
ID OF CONTENTS	
ID OF A CONTENT PROVIDER	
ID OF A HANDLING POLICY	
VERSION OF A HANDLING POLICY	
AREA CODE	
USABLE APPARATUS CONDITIONS	
USABLE USER CONDITIONS	
ID OF A SERVICE PROVIDER	
GENERATION MANAGEMENT INFORMATION	
NUMBER OF RULES	
ADDRESS INFORMATION OF RULES	
RULE 1	RULE NUMBER (RULE #)
	UTILIZATION RIGHT CONTENT NUMBER (TYPE)
	PARAMETER
	MINIMUM SALES PRICE
	PROFIT AMOUNT OF A CONTENT PROVIDER
	PROFIT RATIO OF A CONTENT PROVIDER
	DATA SIZE
TRANSMISSION INFORMATION	
RULE N	⋮
	⋮
	RULE NUMBER (RULE #)
	UTILIZATION RIGHT CONTENT NUMBER (TYPE)
	PARAMETER
	MINIMUM SALES PRICE
	PROFIT AMOUNT OF A CONTENT PROVIDER
PROFIT RATIO OF A CONTENT PROVIDER	
DATA SIZE	
TRANSMISSION INFORMATION	
(EXISTENCE OR ABSENCE OF VERIFICATION OF A SIGNATURE)	
PUBLIC KEY CERTIFICATE	
SIGNATURE	

FIG. 33

TYPE OF DATA	
TYPE OF A HANDLING POLICY (ALBUM)	
EFFECTIVE PERIOD OF A HANDLING POLICY	
ID OF AN ALBUM	
ID OF A CONTENT PROVIDER	
ID OF A HANDLING POLICY	
VERSION OF A HANDLING POLICY	
AREA CODE	
USABLE APPARATUS CONDITIONS	
USABLE USER CONDITIONS	
ID OF A SERVICE PROVIDER	
NUMBER OF HANDLING POLICIES OF SINGLE CONTENTS	
ADDRESS INFORMATION OF A HANDLING POLICY OF SINGLE CONTENTS	
SINGLE	HANDLING POLICY 1
	•
	•
	HANDLING POLICY N
GENERATION MANAGEMENT INFORMATION	
NUMBER OF RULES	
ADDRESS INFORMATION OF RULES	
RULE 1	RULE NUMBER (RULE #)
	UTILIZATION RIGHT CONTENT NUMBER (TYPE)
	PARAMETER
	MINIMUM SALES PRICE
	PROFIT AMOUNT OF A CONTENT PROVIDER
	PROFIT RATIO OF A CONTENT PROVIDER
	DATA SIZE
RULE N	TRANSMISSION INFORMATION
	•
	•
	•
	RULE NUMBER (RULE #)
	UTILIZATION RIGHT CONTENT NUMBER (TYPE)
	PARAMETER
MINIMUM SALES PRICE	
PROFIT AMOUNT OF A CONTENT PROVIDER	
PROFIT RATIO OF A CONTENT PROVIDER	
DATA SIZE	
TRANSMISSION INFORMATION	
(EXISTENCE OR ABSENCE OF VERIFICATION OF A SIGNATURE)	
PUBLIC KEY CERTIFICATE	
SIGNATURE	

FIG. 34

TYPE OF DATA	
TYPE OF A HANDLING POLICY (SINGLE)	
EFFECTIVE PERIOD OF A HANDLING POLICY	
ID OF CONTENTS	
ID OF A CONTENT PROVIDER	
ID OF A HANDLING POLICY	
VERSION OF A HANDLING POLICY	
AREA CODE	
USABLE APPARATUS CONDITIONS	
USABLE USER CONDITIONS	
ID OF A SERVICE PROVIDER	
GENERATION MANAGEMENT INFORMATION	
NUMBER OF RULES	
ADDRESS INFORMATION OF RULES	
RULE 1	RULE NUMBER (RULE #)
	UTILIZATION RIGHT CONTENT NUMBER (TYPE)
	PARAMETER
	MINIMUM SALES PRICE
	DATA SIZE
	TRANSMISSION INFORMATION
•	•
	•
	•
RULE N	RULE NUMBER (RULE #)
	UTILIZATION RIGHT CONTENT NUMBER (TYPE)
	PARAMETER
	MINIMUM SALES PRICE
	DATA SIZE
	TRANSMISSION INFORMATION
	(EXISTENCE OR ABSENCE OF VERIFICATION OF A SIGNATURE)
	PUBLIC KEY CERTIFICATE
SIGNATURE	

FIG. 35

TYPE OF DATA	
TYPE OF A HANDLING POLICY (ALBUM)	
EFFECTIVE PERIOD OF A HANDLING POLICY	
ID OF AN ALBUM	
ID OF A CONTENT PROVIDER	
ID OF A HANDLING POLICY	
VERSION OF A HANDLING POLICY	
AREA CODE	
USABLE APPARATUS CONDITIONS	
USABLE USER CONDITIONS	
ID OF A SERVICE PROVIDER	
NUMBER OF HANDLING POLICIES OF SINGLE CONTENTS	
ADDRESS INFORMATION OF A HANDLING POLICY OF SINGLE CONTENTS	
SINGLE	HANDLING POLICY 1
	•
	•
	HANDLING POLICY N
GENERATION MANAGEMENT INFORMATION	
NUMBER OF RULES	
ADDRESS INFORMATION OF RULES	
RULE 1	RULE NUMBER (RULE #)
	UTILIZATION RIGHT CONTENT NUMBER (TYPE)
	PARAMETER
	MINIMUM SALES PRICE
	DATA SIZE
RULE N	TRANSMISSION INFORMATION
	•
	•
	•
	TRANSMISSION INFORMATION
(EXISTENCE OR ABSENCE OF VERIFICATION OF A SIGNATURE)	
PUBLIC KEY CERTIFICATE	
SIGNATURE	

FIG. 36

TYPE OF DATA	
TYPE OF PRICE INFORMATION (SINGLE)	
EFFECTIVE PERIOD OF PRICE INFORMATION	
ID OF CONTENTS	
ID OF A SERVICE PROVIDER	
ID OF PRICE INFORMATION	
VERSION OF PRICE INFORMATION	
AREA CODE	
USABLE APPARATUS CONDITIONS	
USABLE USER CONDITIONS	
ID OF A CONTENT PROVIDER	
ID OF A HANDLING POLICY	
NUMBER OF RULES	
ADDRESS INFORMATION OF RULES	
RULE 1	RULE NUMBER (RULE #)
	PROFIT AMOUNT OF A SERVICE PROVIDER
	PROFIT RATIO OF A SERVICE PROVIDER
	PRICE
	DATA SIZE
•	TRANSMISSION INFORMATION
	•
	•
RULE N	RULE NUMBER (RULE #)
	PROFIT AMOUNT OF A SERVICE PROVIDER
	PROFIT RATIO OF A SERVICE PROVIDER
	PRICE
	DATA SIZE
	TRANSMISSION INFORMATION
	(EXISTENCE OR ABSENCE OF VERIFICATION OF A SIGNATURE)
PUBLIC KEY CERTIFICATE	
SIGNATURE	

FIG. 37

TYPE OF DATA	
TYPE OF PRICE INFORMATION (ALBUM)	
EFFECTIVE PERIOD OF PRICE INFORMATION	
ID OF AN ALBUM	
ID OF A SERVICE PROVIDER	
ID OF PRICE INFORMATION	
VERSION OF PRICE INFORMATION	
AREA CODE	
USABLE APPARATUS CONDITIONS	
USABLE USER CONDITIONS	
ID OF A CONTENT PROVIDER	
ID OF A HANDLING POLICY	
NUMBER OF PRICE INFORMATION OF SINGLE CONTENTS	
ADDRESS INFORMATION OF PRICE INFORMATION OF SINGLE CONTENTS	
SINGLE	PRICE INFORMATION 1
	⋮
PRICE INFORMATION N	
NUMBER OF RULES	
ADDRESS INFORMATION OF RULES	
RULE 1	RULE NUMBER (RULE #)
	PROFIT AMOUNT OF A SERVICE PROVIDER
	PROFIT RATIO OF A SERVICE PROVIDER
	PRICE
	DATA SIZE
TRANSMISSION INFORMATION	
⋮	⋮
	⋮
	⋮
	⋮
	⋮
RULE N	RULE NUMBER (RULE #)
	PROFIT AMOUNT OF A SERVICE PROVIDER
	PROFIT RATIO OF A SERVICE PROVIDER
	PRICE
	DATA SIZE
TRANSMISSION INFORMATION	
(EXISTENCE OR ABSENCE OF VERIFICATION OF A SIGNATURE)	
PUBLIC KEY CERTIFICATE	
SIGNATURE	

FIG. 38

TYPE OF DATA	
TYPE OF PRICE INFORMATION (SINGLE)	
EFFECTIVE PERIOD OF PRICE INFORMATION	
ID OF CONTENTS	
ID OF A SERVICE PROVIDER	
ID OF PRICE INFORMATION	
VERSION OF PRICE INFORMATION	
AREA CODE	
USABLE APPARATUS CONDITIONS	
USABLE USER CONDITIONS	
ID OF A CONTENT PROVIDER	
ID OF A HANDLING POLICY	
NUMBER OF RULES	
ADDRESS INFORMATION OF RULES	
RULE 1	RULE NUMBER (RULE #)
	PRICE
	DATA SIZE
	TRANSMISSION INFORMATION
• • •	• •
RULE N	RULE NUMBER (RULE #)
	PRICE
	DATA SIZE
	TRANSMISSION INFORMATION
(EXISTENCE OR ABSENCE OF VERIFICATION OF A SIGNATURE)	
PUBLIC KEY CERTIFICATE	
SIGNATURE	

FIG. 39

TYPE OF DATA	
TYPE OF PRICE INFORMATION (ALBUM)	
EFFECTIVE PERIOD OF PRICE INFORMATION	
ID OF AN ALBUM	
ID OF A SERVICE PROVIDER	
ID OF PRICE INFORMATION	
VERSION OF PRICE INFORMATION	
AREA CODE	
USABLE APPARATUS CONDITIONS	
USABLE USER CONDITIONS	
ID OF A CONTENT PROVIDER	
ID OF A HANDLING POLICY	
NUMBER OF PRICE INFORMATION OF SINGLE CONTENTS	
ADDRESS INFORMATION OF PRICE INFORMATION OF SINGLE CONTENTS	
SINGLE	PRICE INFORMATION 1
	⋮
PRICE INFORMATION N	
NUMBER OF RULES	
ADDRESS INFORMATION OF RULES	
RULE 1	RULE NUMBER (RULE #)
	PRICE
	DATA SIZE
	TRANSMISSION INFORMATION
⋮	⋮
RULE N	RULE NUMBER (RULE #)
	PRICE
	DATA SIZE
	TRANSMISSION INFORMATION
(EXISTENCE OR ABSENCE OF VERIFICATION OF A SIGNATURE)	
PUBLIC KEY CERTIFICATE	
SIGNATURE	

FIG. 40

TYPE OF DATA
TYPE OF LICENSE CONDITIONS INFORMATION
EFFECTIVE PERIOD OF LICENSE CONDITIONS INFORMATION
ID OF CONTENTS
ID OF AN ALBUM
ID OF AN ENCRYPTION PROCESSING SECTION
ID OF AN USER
ID OF A CONTENT PROVIDER
ID OF A HANDLING POLICY
VERSION OF A HANDLING POLICY
ID OF A SERVICE PROVIDER
ID OF PRICE INFORMATION
VERSION OF PRICE INFORMATION
ID OF LICENSE CONDITIONS INFORMATION
RULE NUMBER OF A REPRODUCTION RIGHT (UTILIZATION RIGHT)
UTILIZATION RIGHT CONTENT NUMBER
REPRODUCTION REMAINING NUMBER
EFFECTIVE PERIOD OF A REPRODUCTION RIGHT
RULE NUMBER OF A COPYING RIGHT (UTILIZATION RIGHT)
UTILIZATION RIGHT CONTENT NUMBER
COPYING REMAINING NUMBER
GENERATION MANAGEMENT INFORMATION
ID OF AN ENCRYPTION SECTION HOLDING A REPRODUCTION RIGHT

FIG. 41

TYPE OF DATA
ID OF AN ENCRYPTION PROCESSING SECTION
ID OF A USER
ID OF CONTENTS
ID OF A CONTENT PROVIDER
ID OF A HANDLING POLICY
VERSION OF A HANDLING POLICY
ID OF A SERVICE PROVIDER
ID OF PRICE INFORMATION
VERSION OF PRICE INFORMATION
ID OF LICENSE CONDITIONS INFORMATION
RULE NUMBER (RULE #)
PROFIT AMOUNT/PROFIT RATIO OF A CONTENT PROVIDER
PROFIT AMOUNT/PROFIT RATIO OF A SERVICE PROVIDER
GENERATION MANAGEMENT INFORMATION
DATA SIZE OF TRANSMISSION INFORMATION SET BY A CONTENT PROVIDER
TRANSMISSION INFORMATION SET BY A CONTENT PROVIDER
DATA SIZE OF TRANSMISSION INFORMATION SET BY A SERVICE PROVIDER
TRANSMISSION INFORMATION SET BY A SERVICE PROVIDER
ID OF A SUPPLIER

FIG. 42

TYPE OF DATA
ID OF AN ENCRYPTION PROCESSING SECTION
ID OF A USER
ID OF CONTENTS
ID OF A CONTENT PROVIDER
ID OF A HANDLING POLICY
VERSION OF A HANDLING POLICY
ID OF A SERVICE PROVIDER
ID OF PRICE INFORMATION
VERSION OF PRICE INFORMATION
ID OF LICENSE CONDITIONS INFORMATION
RULE NUMBER (RULE #)
GENERATION MANAGEMENT INFORMATION
DATA SIZE OF TRANSMISSION INFORMATION SET BY A CONTENT PROVIDER
TRANSMISSION INFORMATION SET BY A CONTENT PROVIDER
DATA SIZE OF TRANSMISSION INFORMATION SET BY A SERVICE PROVIDER
TRANSMISSION INFORMATION SET BY A SERVICE PROVIDER
ID OF A SUPPLIER

FIG. 43

UTILIZATION RIGHT CONTENT NUMBER		UTILIZATION CONTENTS		
RIGHT	PERIOD LIMITATION	NUMBER OF TIMES LIMITATION	COPYING LIMITATION	
(1)	NO	NO	—	—
	YES	NO	—	—
(2)	YES	NO	—	—
	NO	YES	—	—
(3)	NO	NO	NO	—
	NO	NO	YES	—
(4)	NO	NO	NO	NO
	NO	NO	YES	NO
(5)	NO	NO	NO	NO
	NO	NO	NO	SCMS
(6) ~ (15)		PRELIMINARY		
(16)		RIGHT CONTENT CHANGE RIGHT	—	—
(17)		REPURCHASE RIGHT	—	—
(18)		ADDITIONAL PURCHASE RIGHT	—	—
(19)		MANAGEMENT TRANSFER RIGHT	—	—

FIG. 44

(A)	EFFECTIVE PERIOD OF A REPRODUCTION RIGHT
(B)	EFFECTIVE PERIOD OF A REPRODUCTION RIGHT
(C)	EFFECTIVE PERIOD OF A REPRODUCTION RIGHT NUMBER OF DAYS AND TIME
(D)	EFFECTIVE PERIOD OF A REPRODUCTION RIGHT NUMBER OF TIMES OF REPRODUCTION
(E)	EFFECTIVE PERIOD OF A COPYING RIGHT
(F)	EFFECTIVE PERIOD OF A COPYING RIGHT NUMBER OF TIMES OF COPYING
(G)	EFFECTIVE PERIOD OF A COPYING RIGHT
(H)	EFFECTIVE PERIOD OF A COPYING RIGHT NUMBER OF TIMES OF COPYING
(I)	EFFECTIVE PERIOD OF RIGHT CONTENT CHANGE RIGHT OLD RULE NUMBER NEW RULE NUMBER
(J)	EFFECTIVE PERIOD OF A REPURCHASE RIGHT OLD RULE NUMBER NEW RULE NUMBER MAXIMUM REDISTRIBUTION GENERATION INFORMATION
(K)	EFFECTIVE PERIOD OF AN ADDITIONAL PURCHASE RIGHT MINIMUM NUMBER OF HOLDING CONTENTS MAXIMUM NUMBER OF HOLDING CONTENTS
(L)	EFFECTIVE PERIOD OF A MANAGEMENT TRANSFER RIGHT
(M)	EFFECTIVE PERIOD OF A CONTENT PURCHASE RIGHT ID OF OLD CONTENTS OLD RULE NUMBER NEW RULE NUMBER

FIG. 45

TYPE OF DATA
TYPE OF CONTENTS (SINGLE)
EFFECTIVE PERIOD OF CONTENTS
CATEGORY OF CONTENTS
ID OF CONTENTS
ID OF A CONTENT PROVIDER
ENCRYPTION METHOD OF CONTENTS
DATA LENGTH OF ENCRYPTED CONTENTS
ENCRYPTED CONTENTS
PUBLIC KEY CERTIFICATE
SIGNATURE

FIG. 46

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TYPE OF DATA	
TYPE OF CONTENTS (ALBUM)	
EFFECTIVE PERIOD OF CONTENTS	
ID OF AN ALBUM	
ID OF A CONTENT PROVIDER	
NUMBER OF SINGLE CONTENTS	
ADDRESS INFORMATION OF SINGLE CONTENTS	
SINGLE	CONTENTS 1
	• • •
CONTENTS N	
PUBLIC KEY CERTIFICATE	
SIGNATURE	

FIG. 47

TYPE OF DATA
TYPE OF KEY DATA (SINGLE)
EFFECTIVE PERIOD OF A KEY
ID OF CONTENTS
ID OF A CONTENT PROVIDER
VERSION OF A KEY
ENCRYPTION METHOD OF A CONTENT KEY
ENCRYPTED CONTENT KEY
ENCRYPTION METHOD OF AN INDIVIDUAL KEY
ENCRYPTED INDIVIDUAL KEY
PUBLIC KEY CERTIFICATE
SIGNATURE

FIG. 48

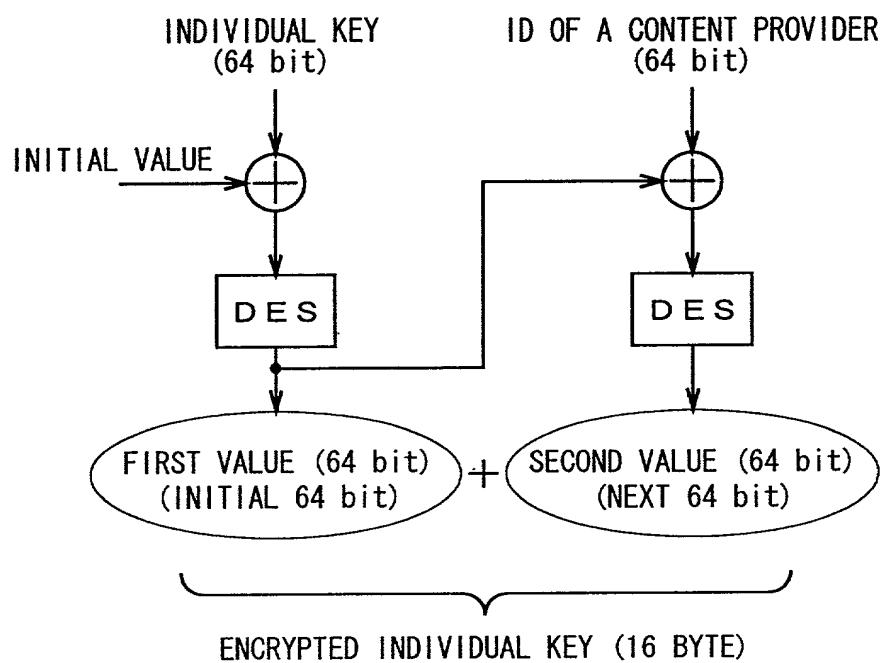


FIG. 49

TYPE OF DATA	
TYPE OF KEY DATA (ALBUM)	
EFFECTIVE PERIOD OF A KEY	
ID OF AN ALBUM	
ID OF A CONTENT PROVIDER	
VERSION OF A KEY	
NUMBER OF KEY DATA FOR SINGLE CONTENTS	
ADDRESS INFORMATION OF KEY DATA FOR SINGLE CONTENTS	
SINGLE	KEY DATA 1
	• •
	KEY DATA N
PUBLIC KEY CERTIFICATE	
SIGNATURE	

FIG. 50

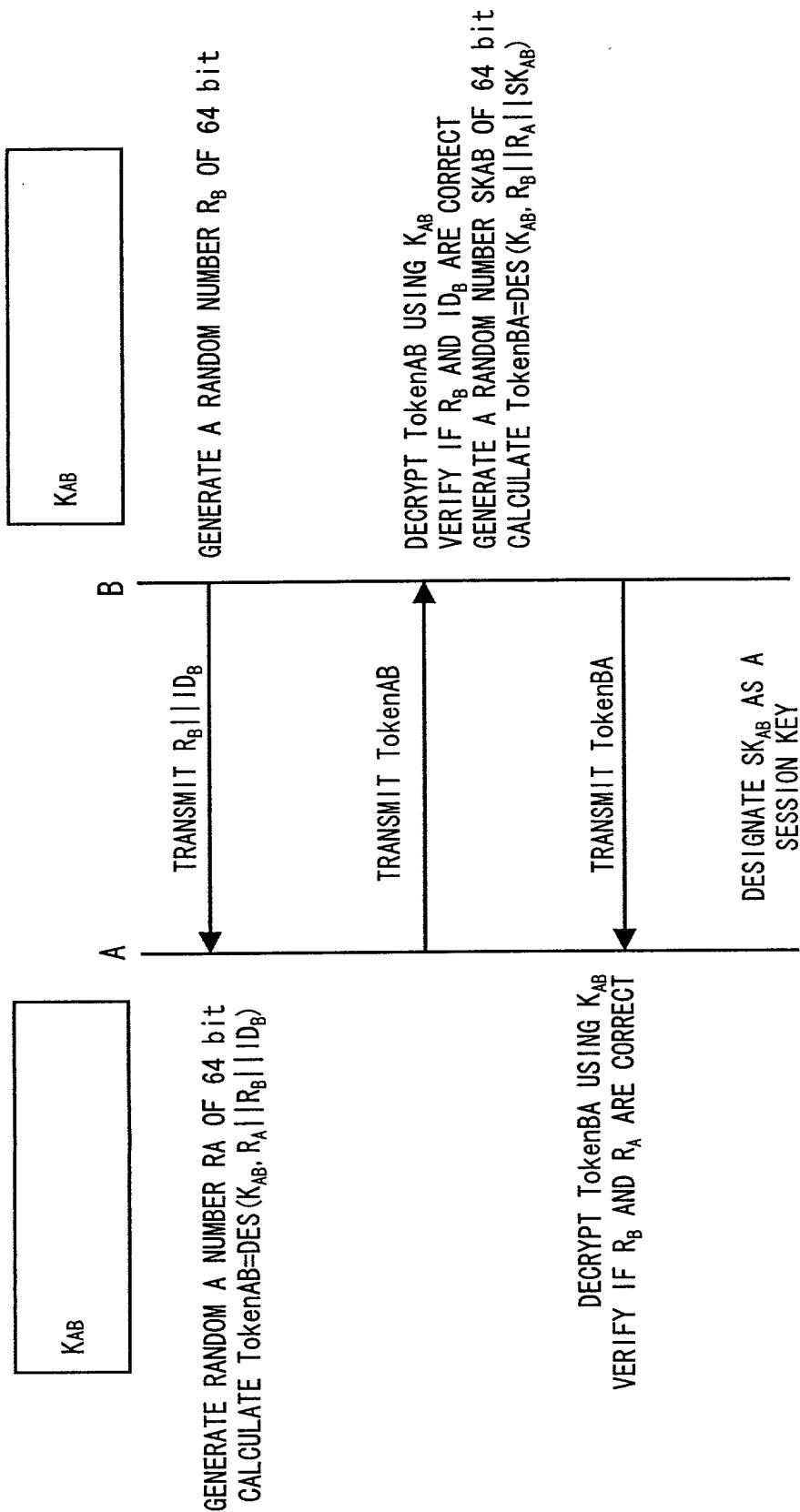


FIG. 51

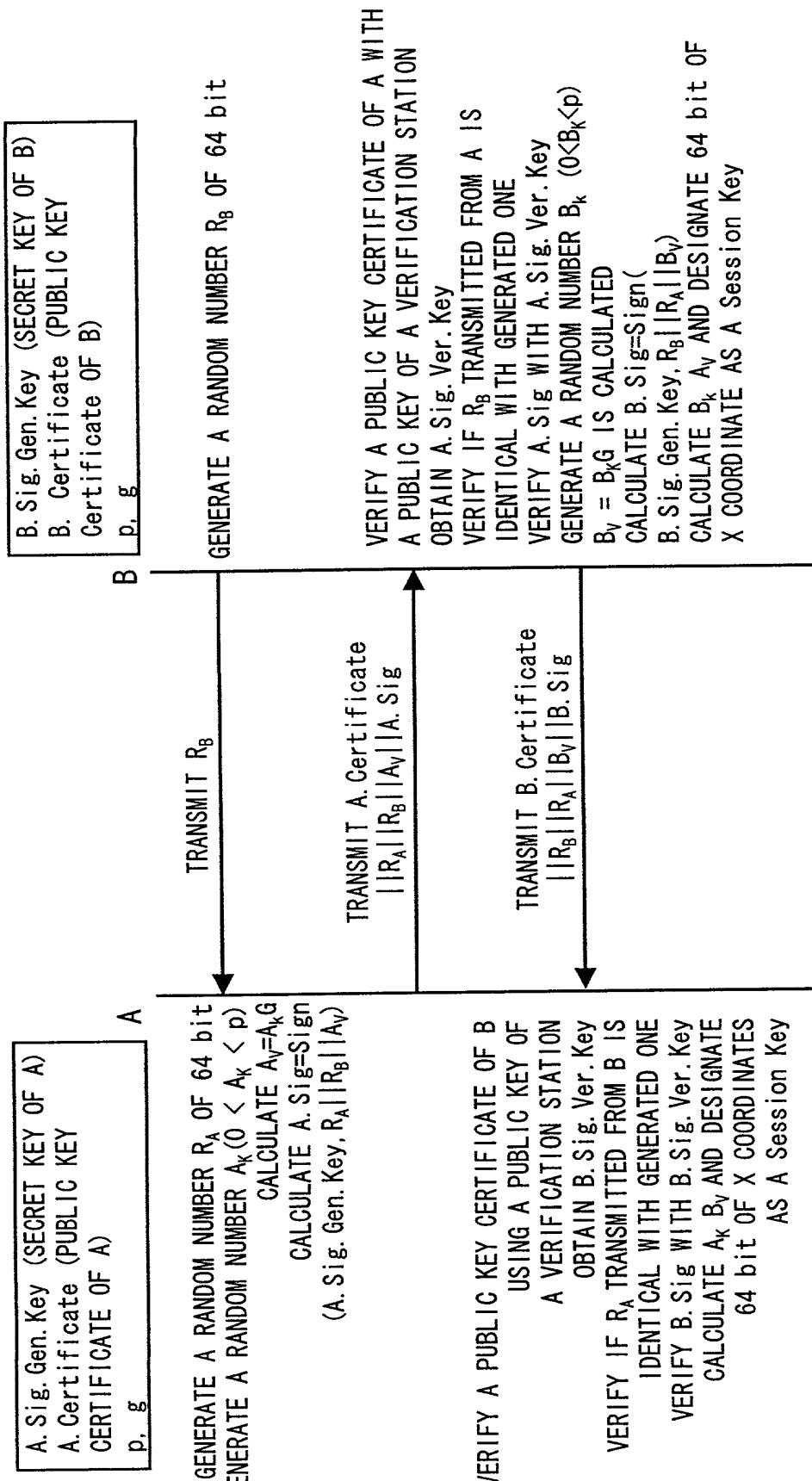


FIG. 52

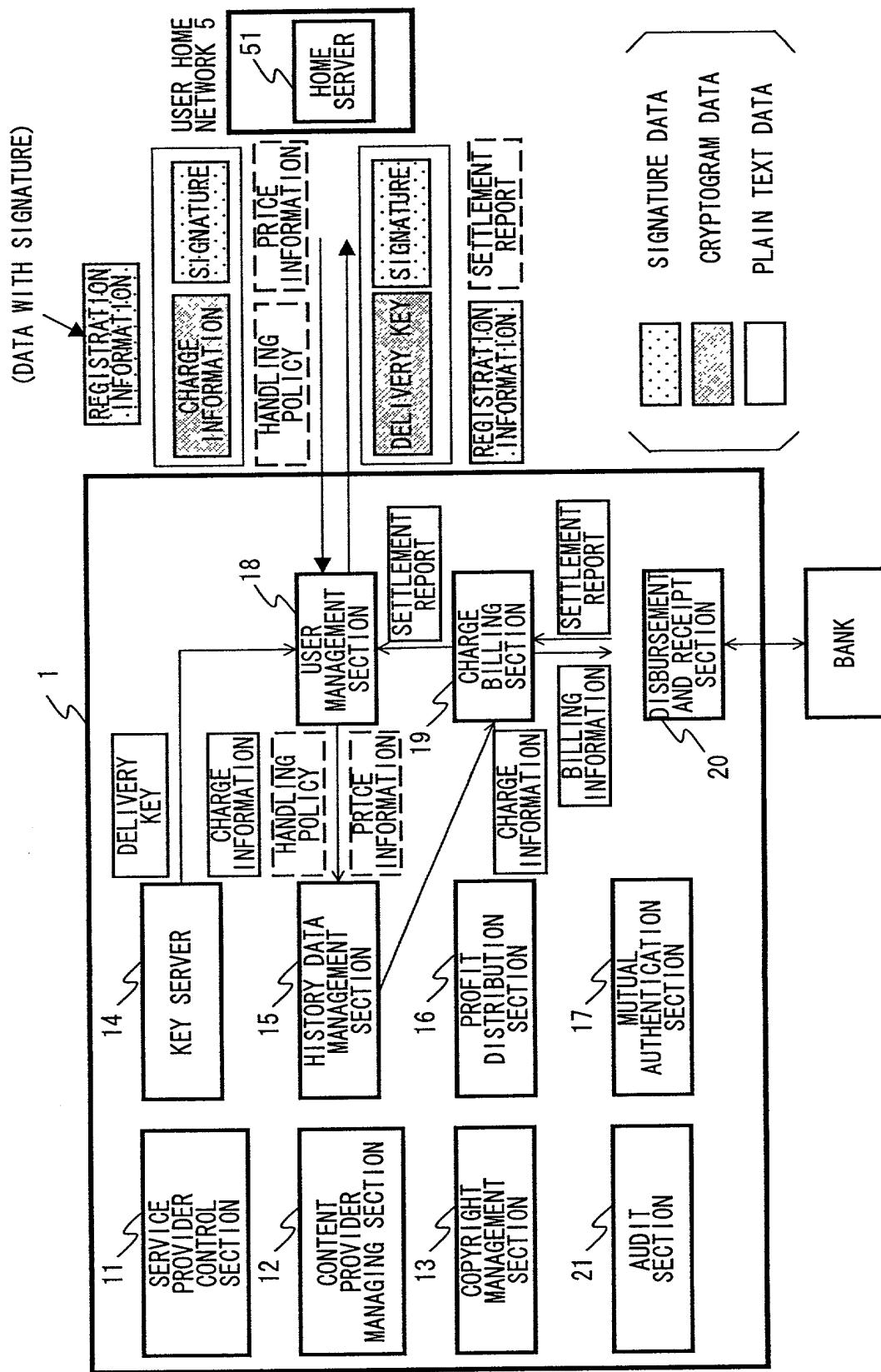


FIG. 53

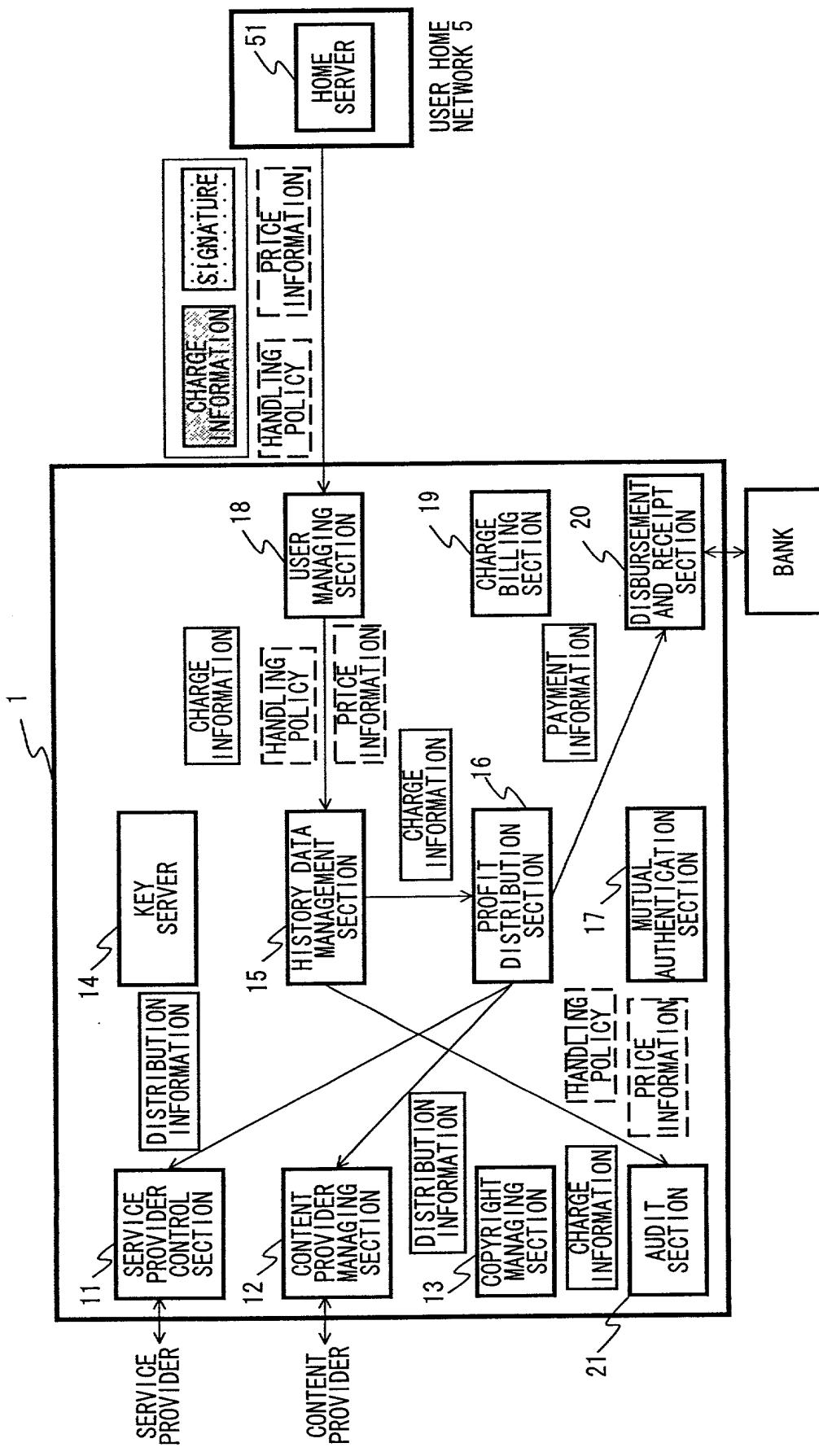


FIG. 54

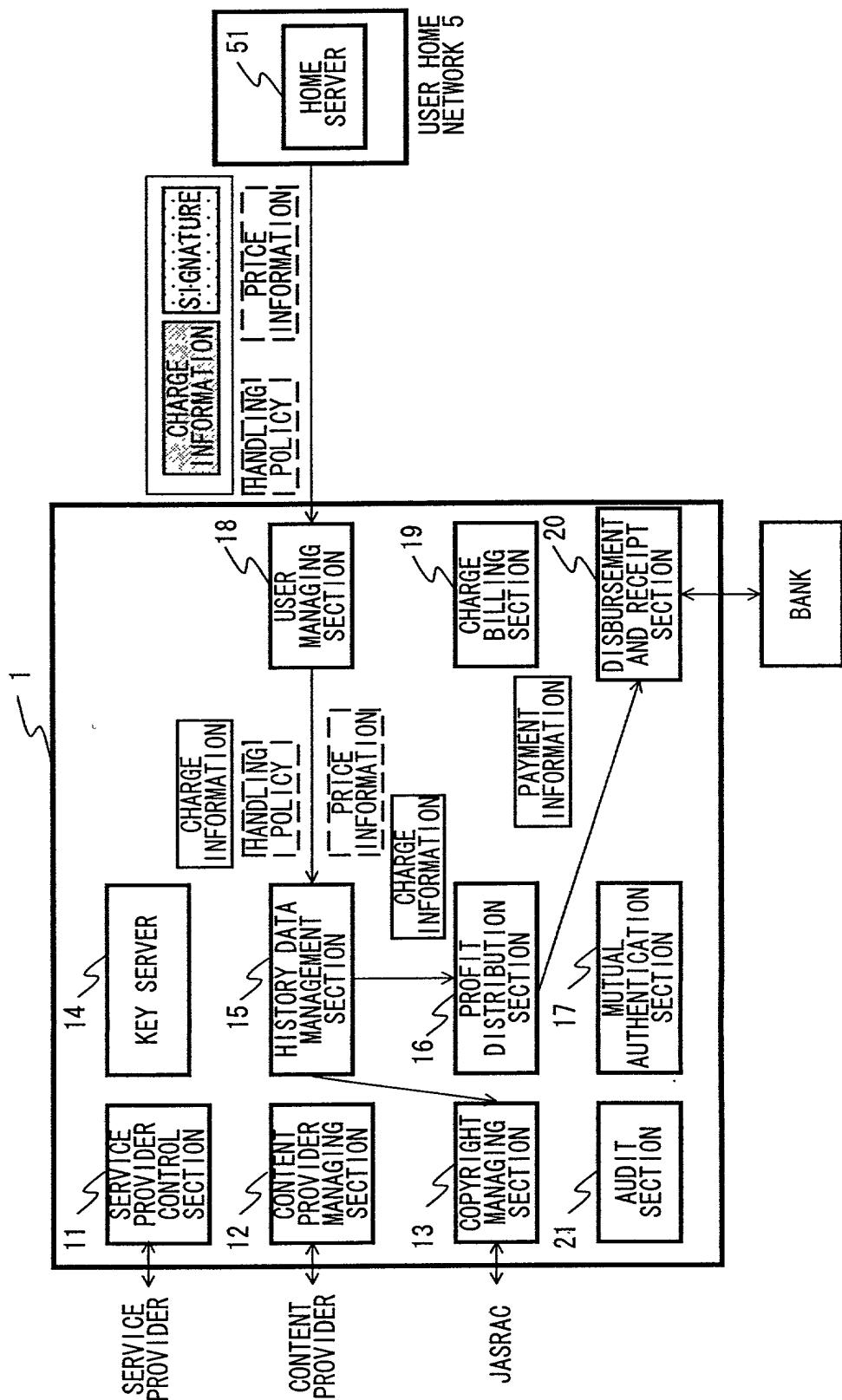


FIG. 55

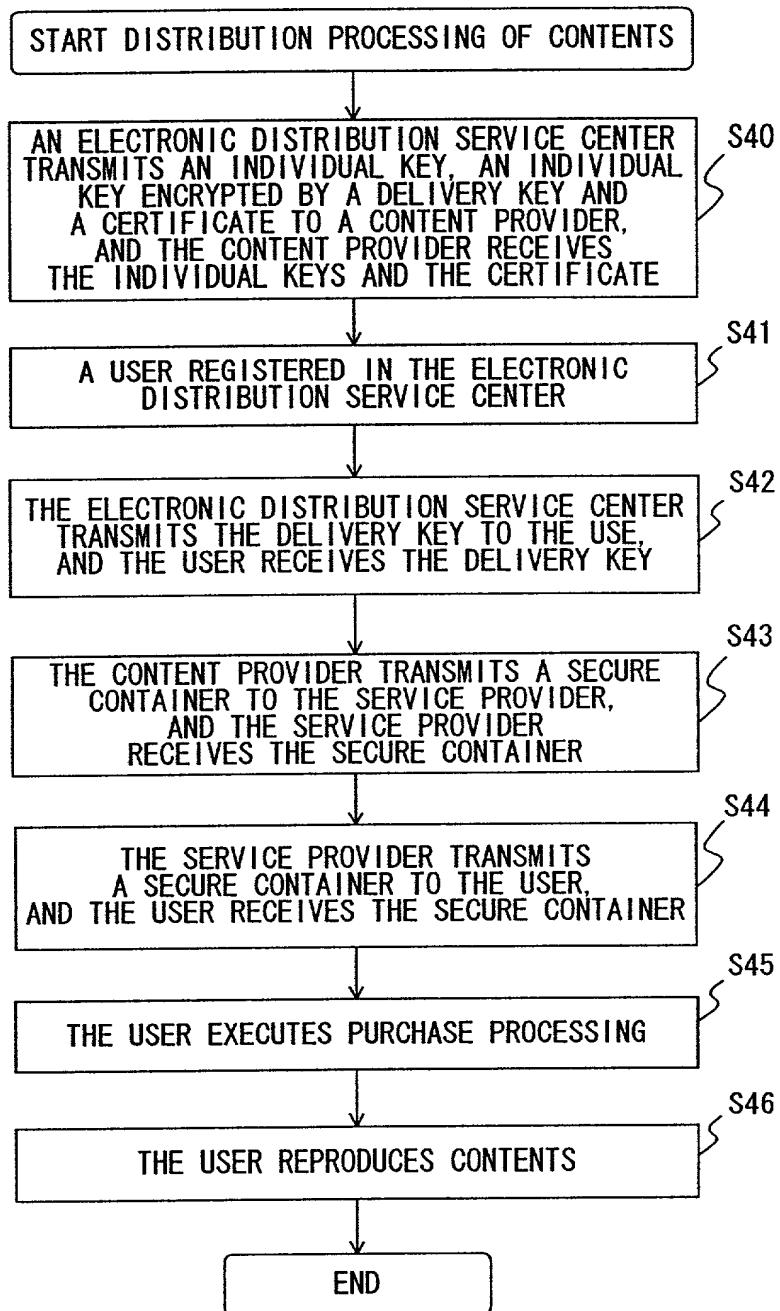


FIG. 56

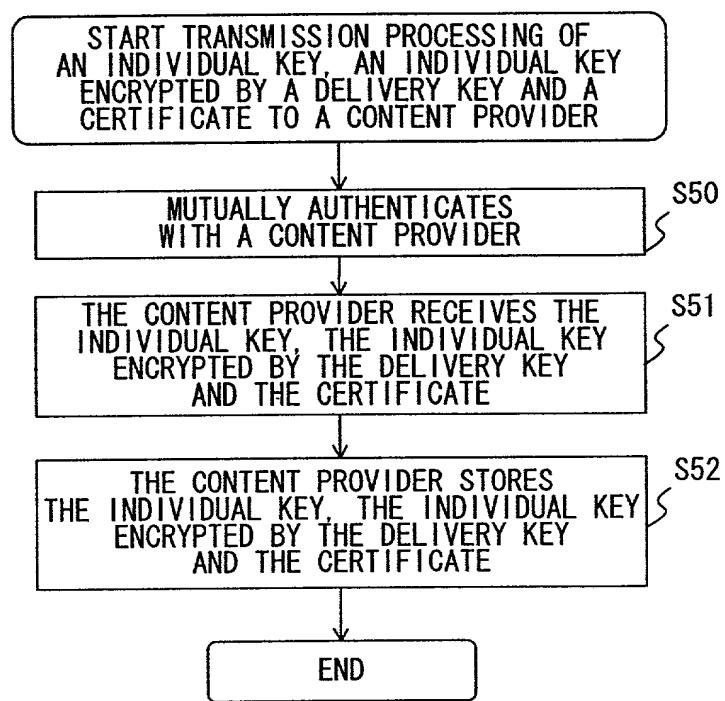


FIG. 57

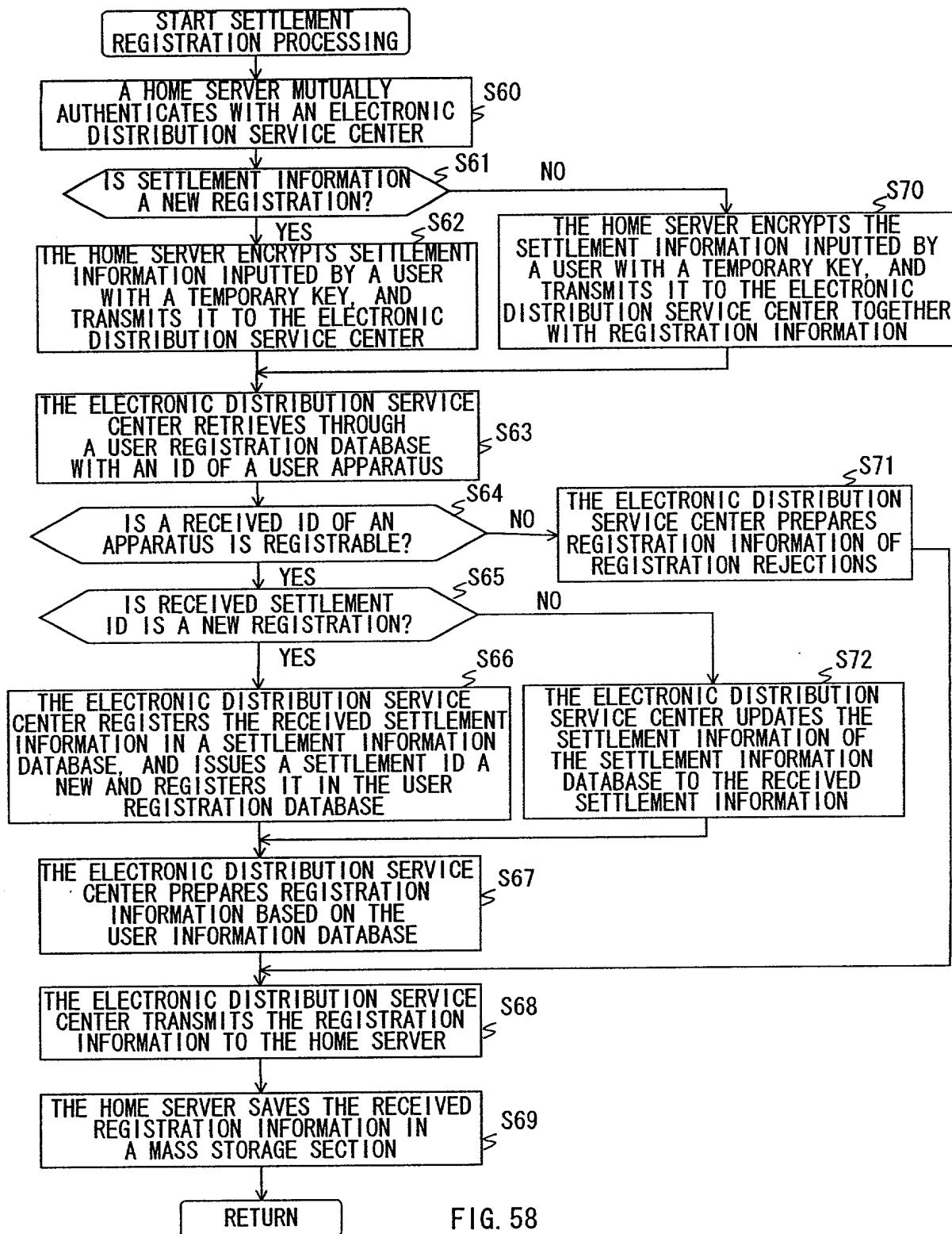


FIG. 58

F01234567890

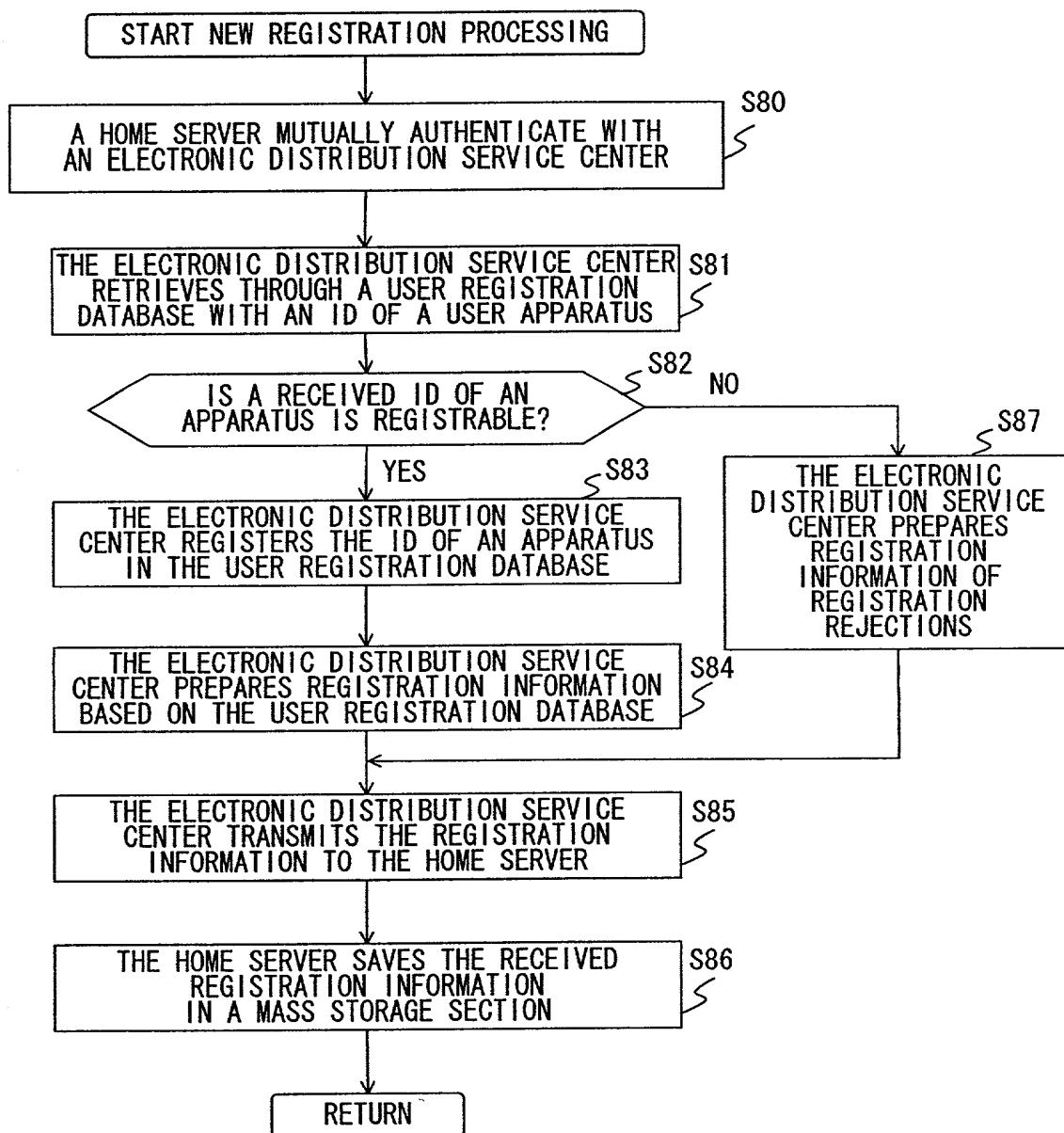


FIG. 59

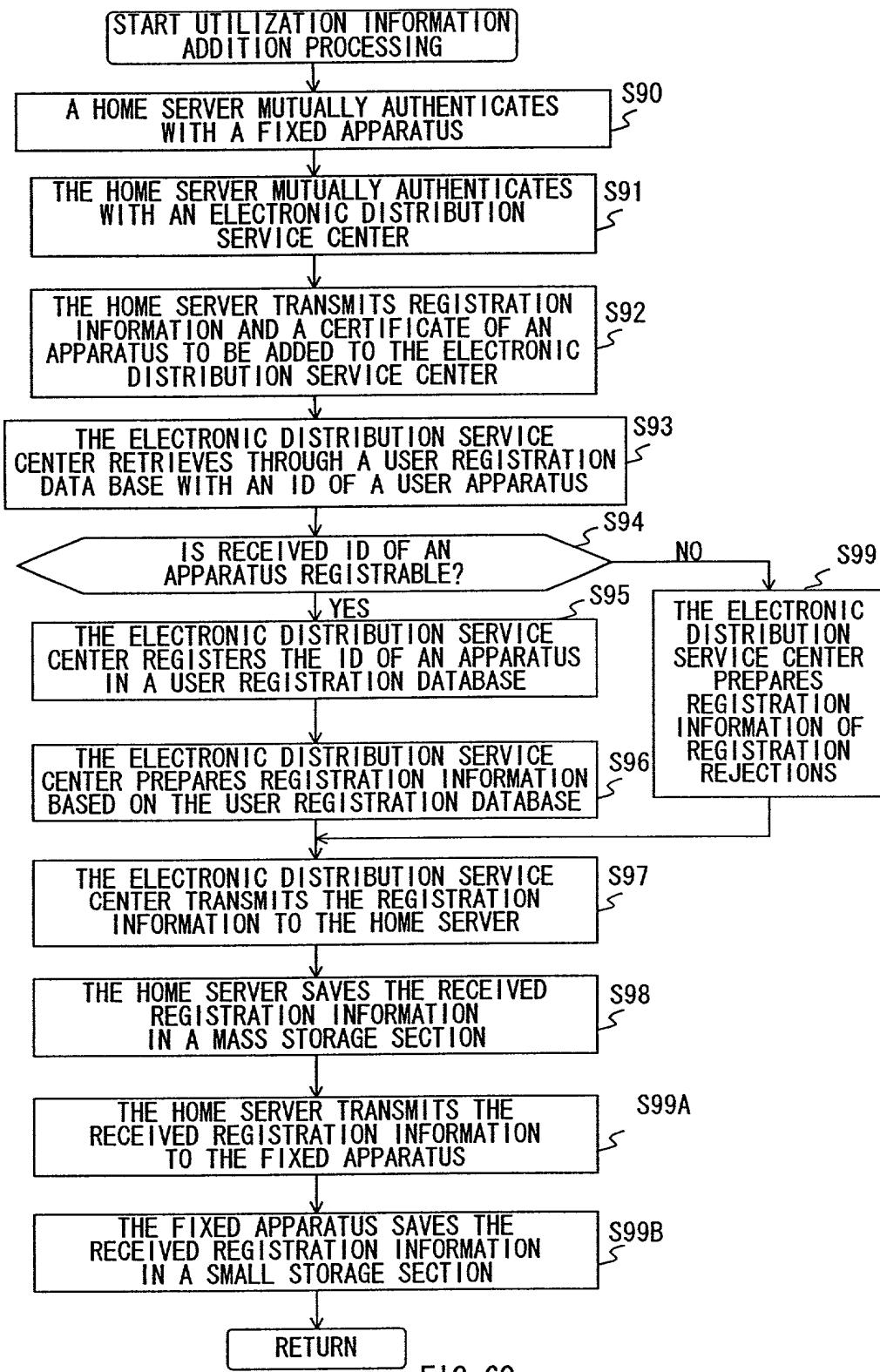


FIG. 60

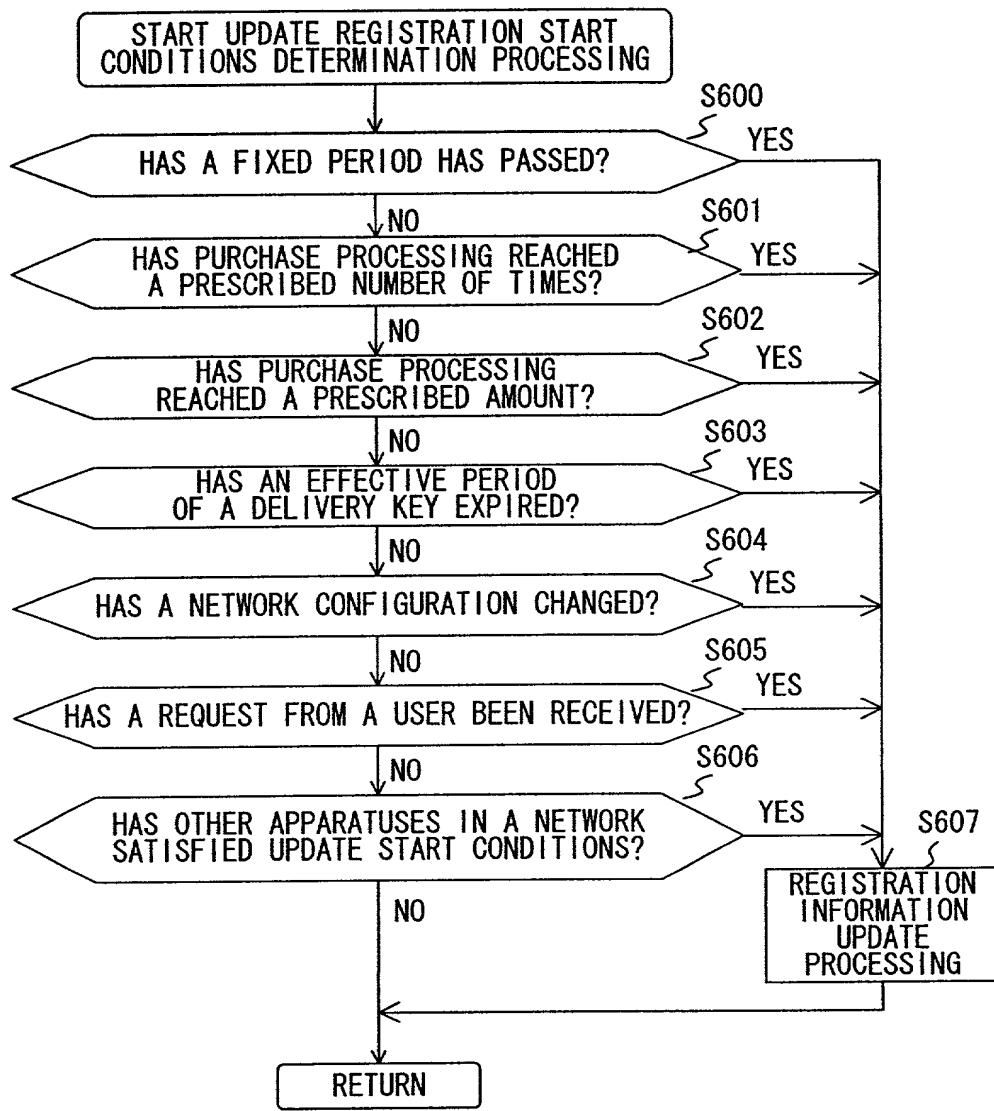


FIG. 61

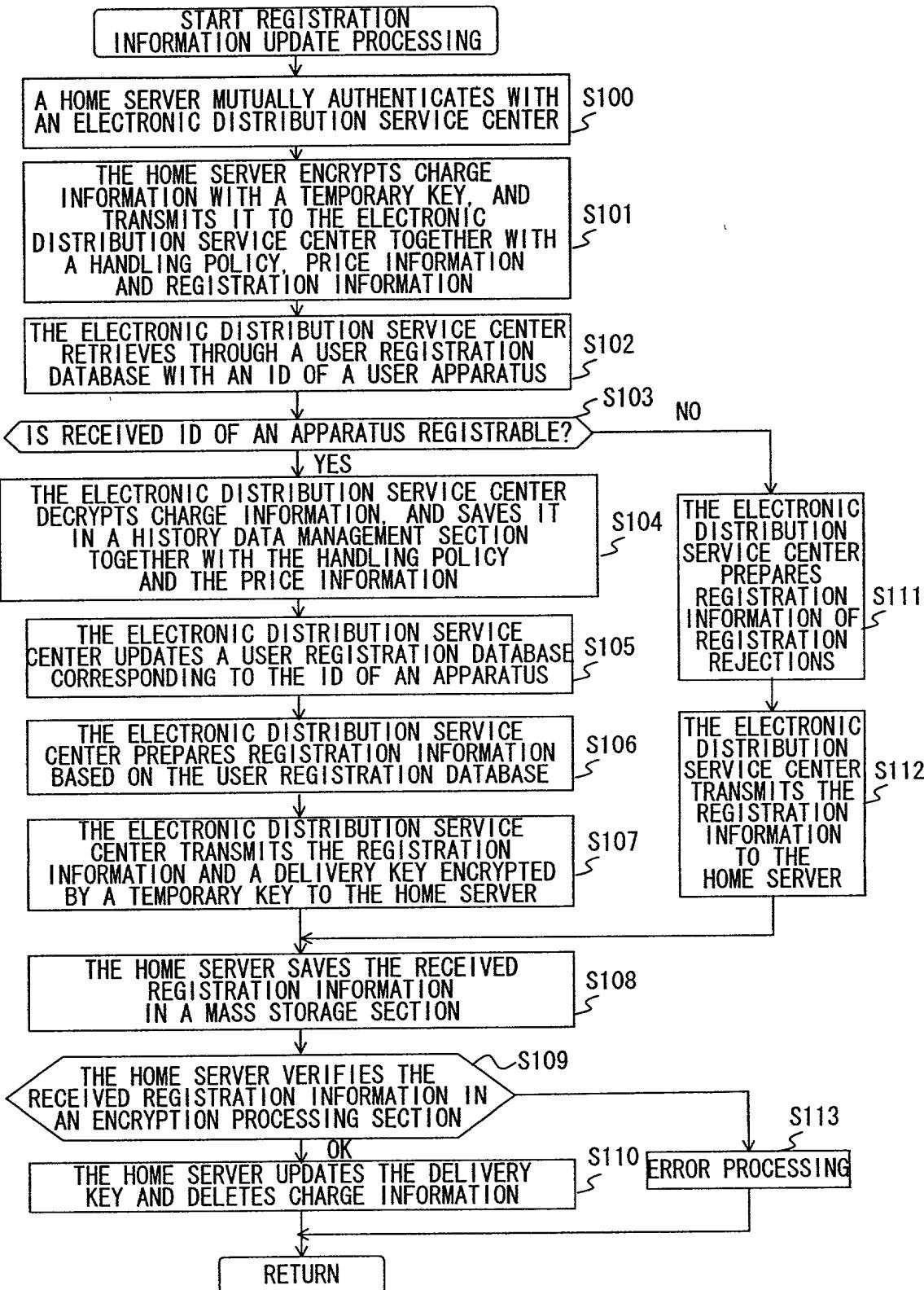


FIG. 62

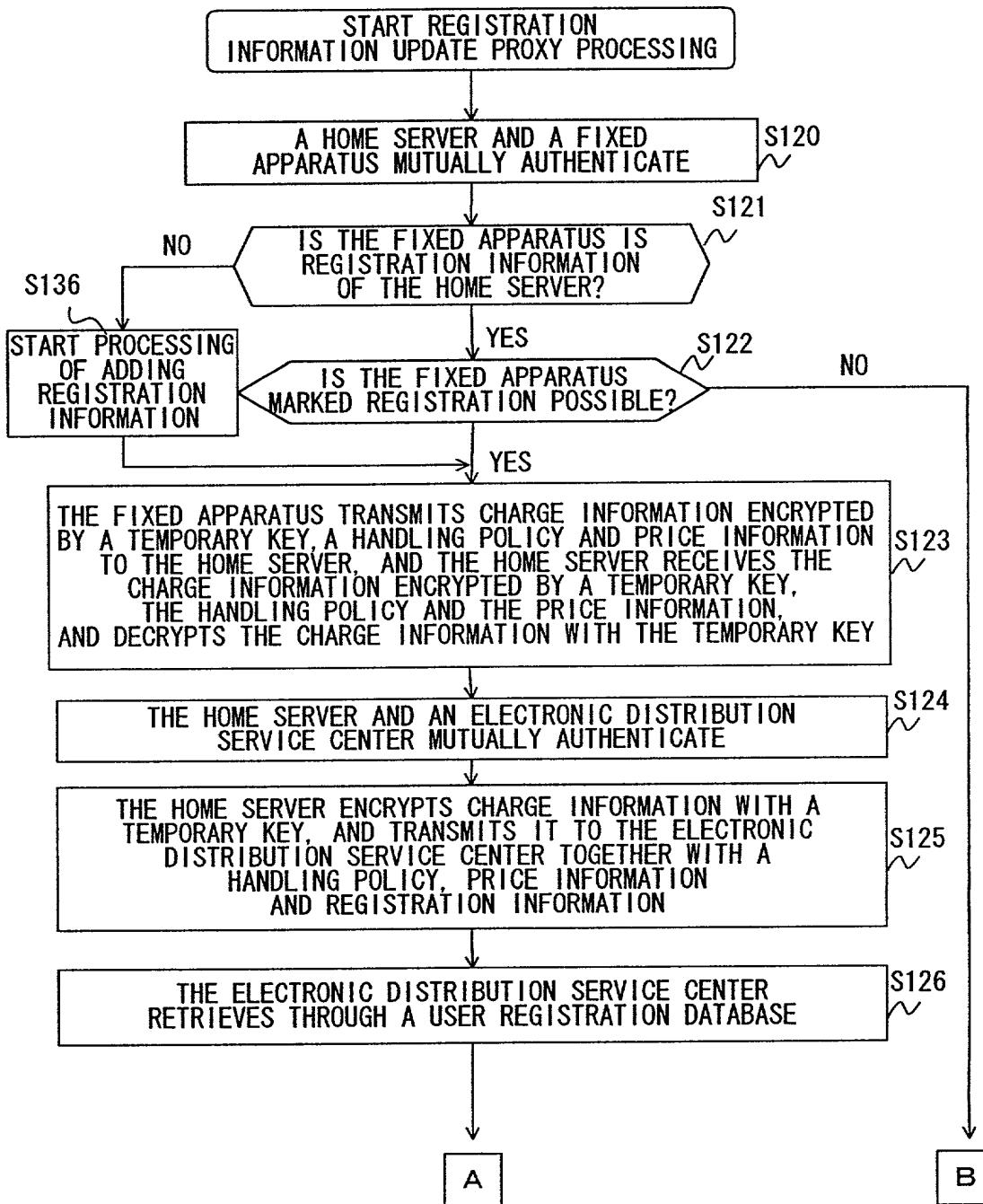


FIG. 63

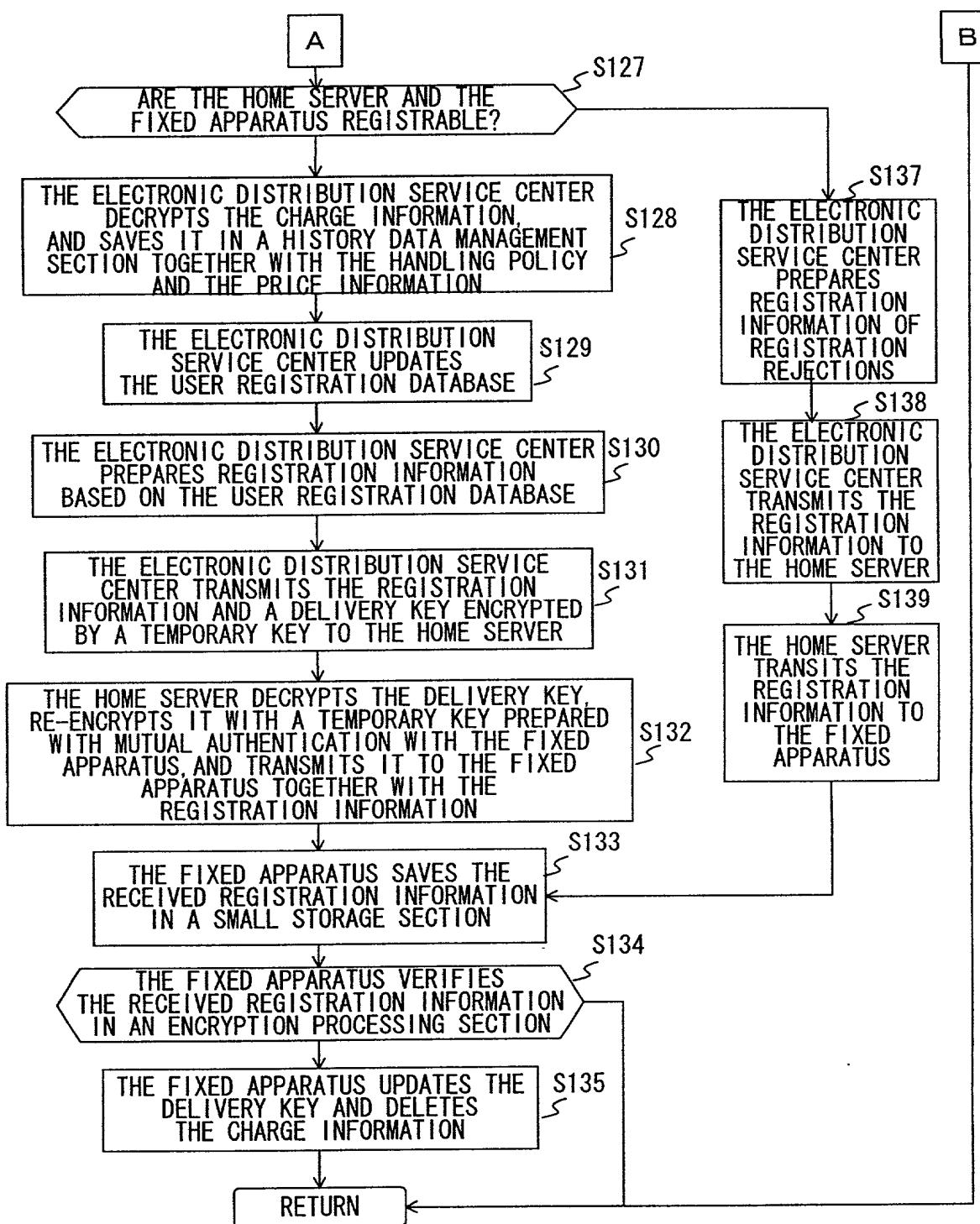


FIG. 64

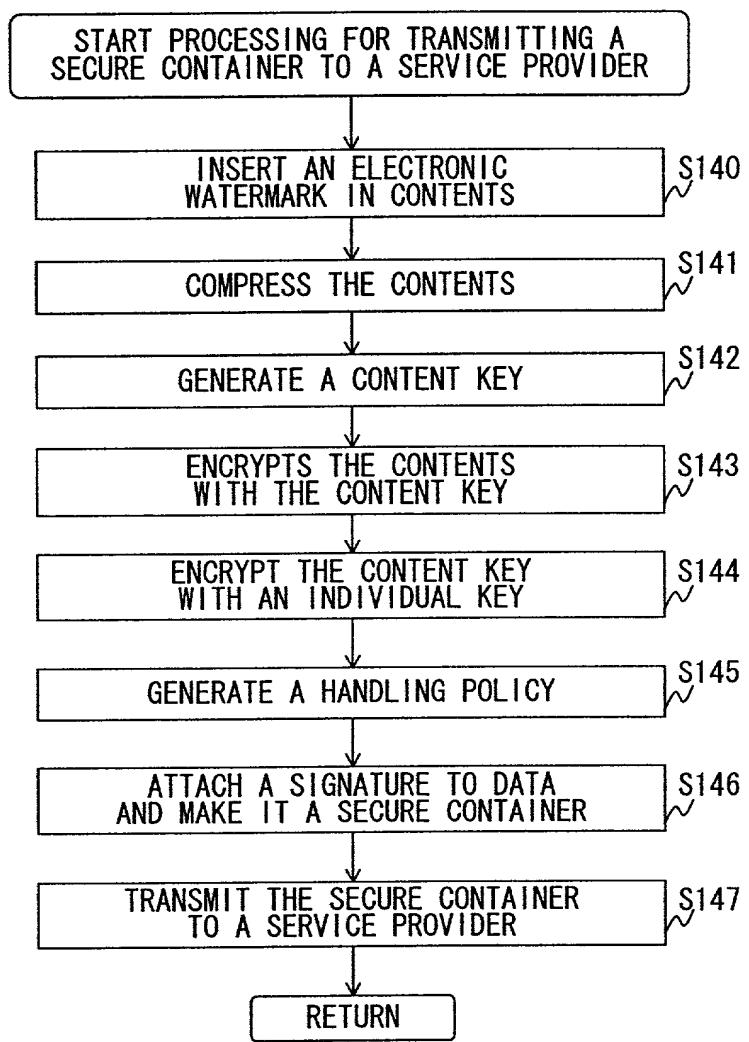


FIG. 65

00000000000000000000000000000000

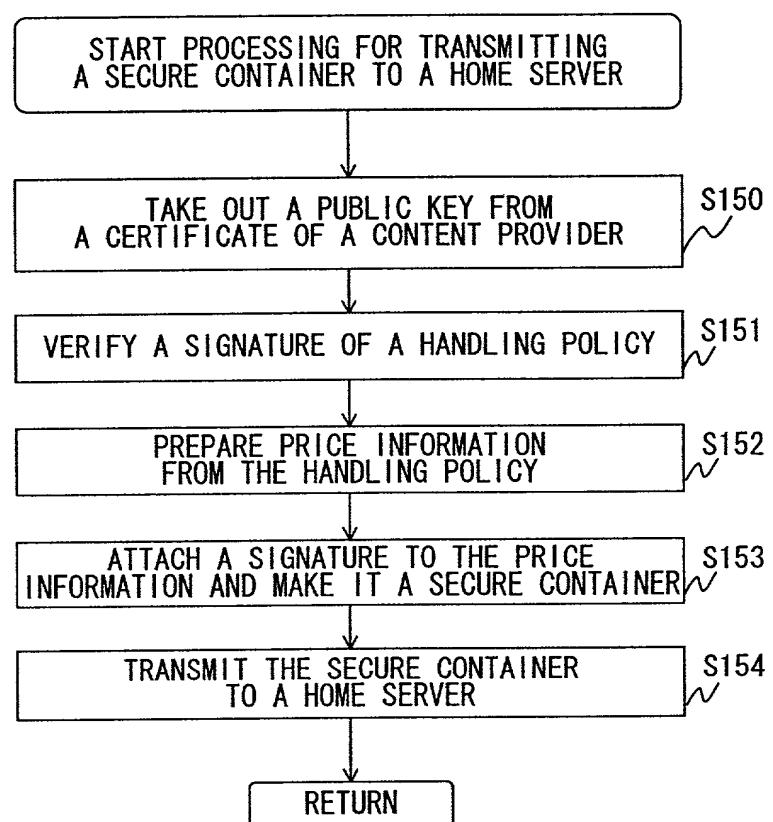


FIG. 66

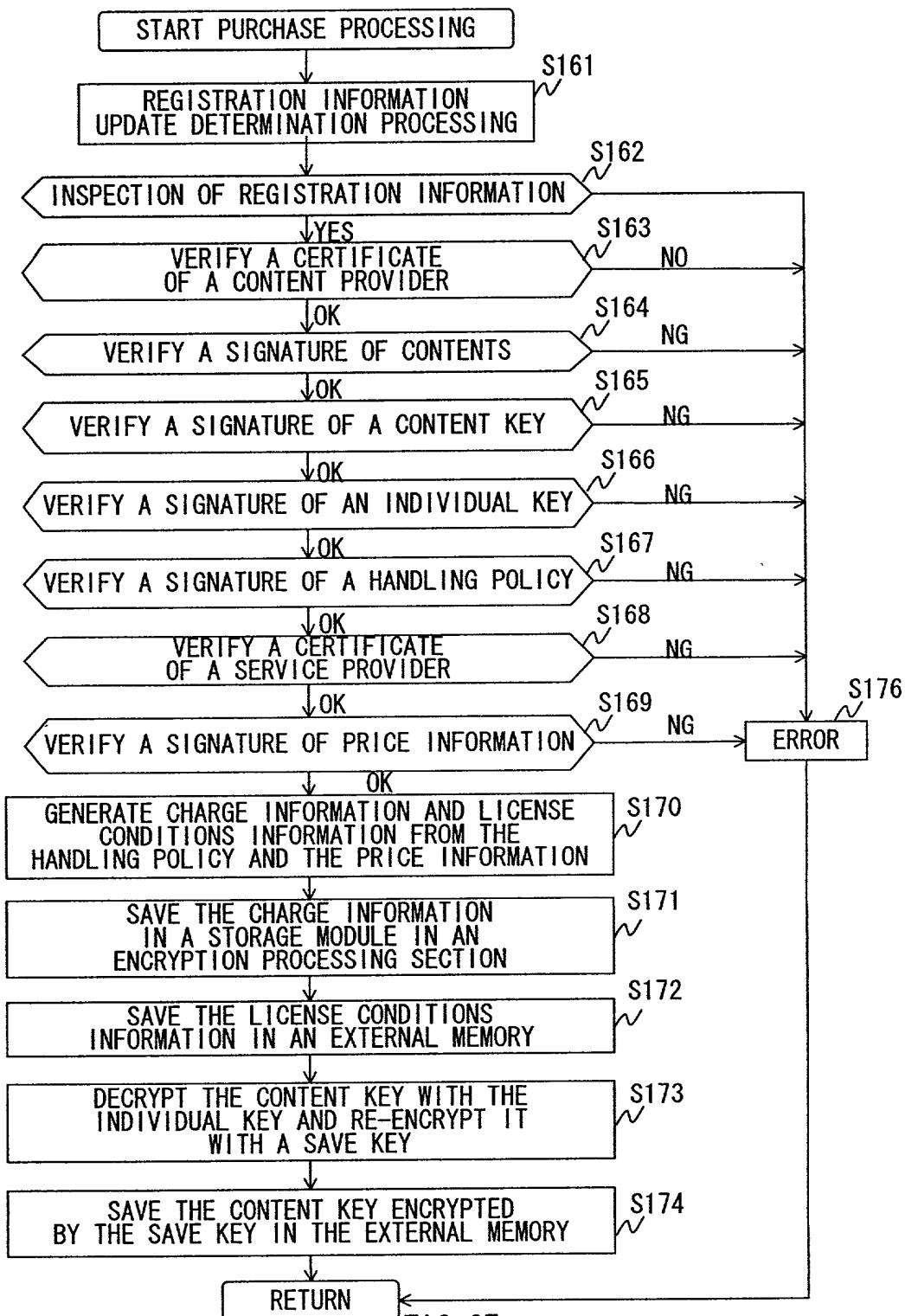


FIG. 67

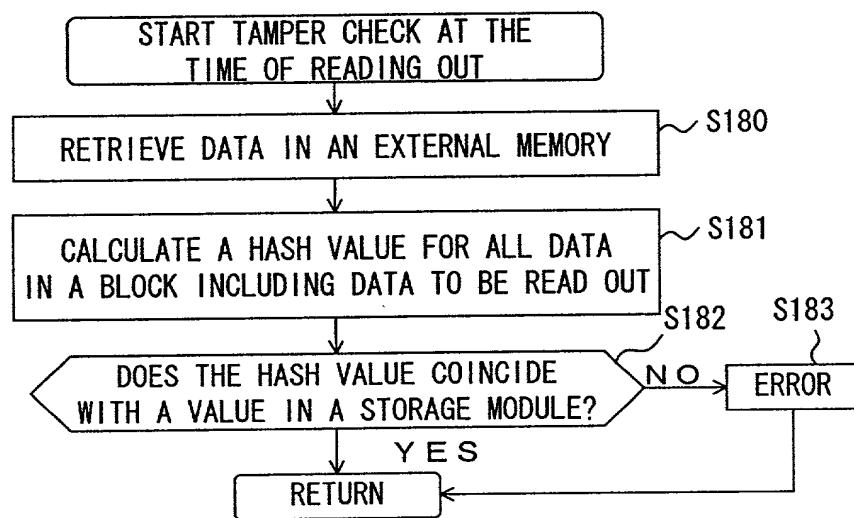


FIG. 68

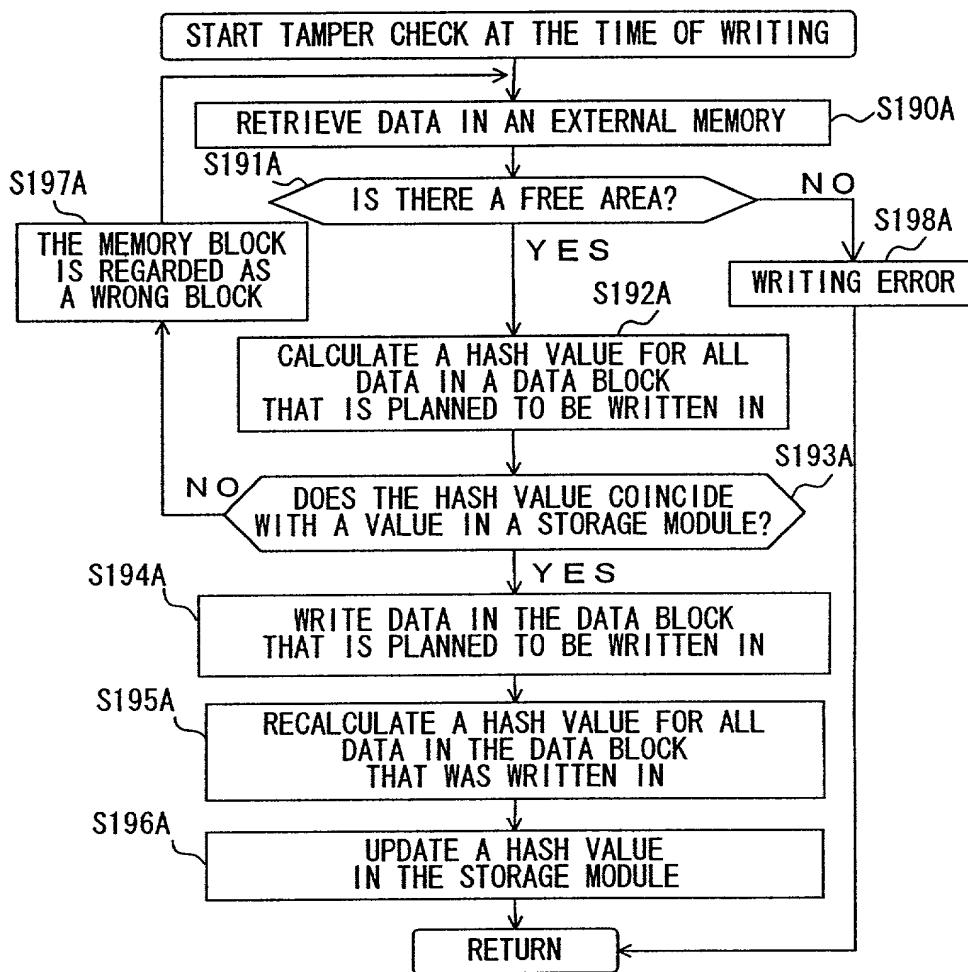


FIG. 69

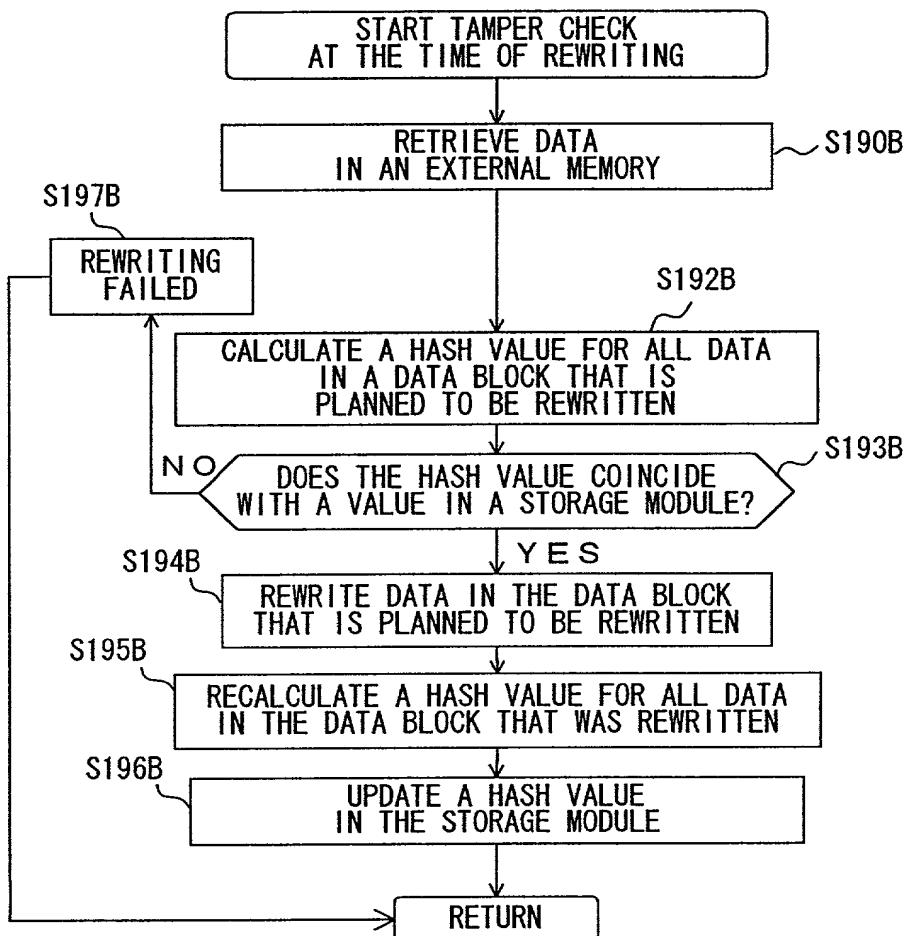


FIG. 70

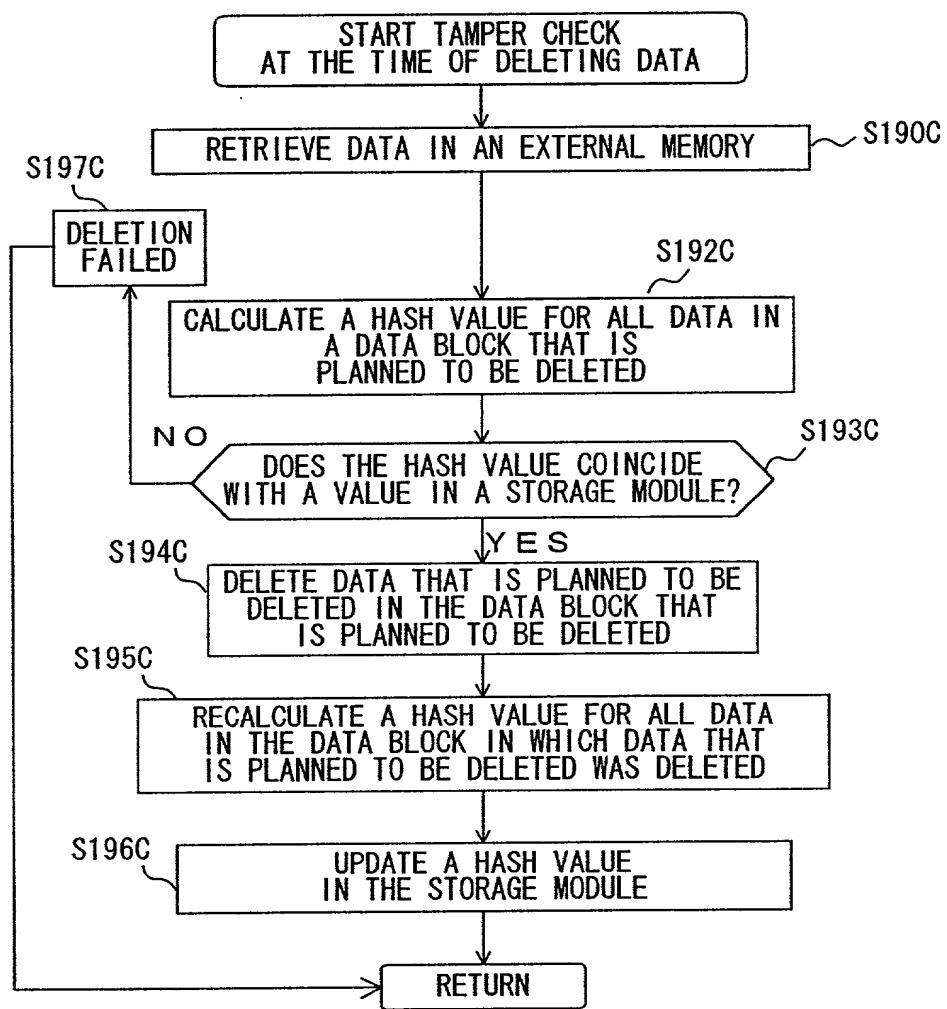


FIG. 71

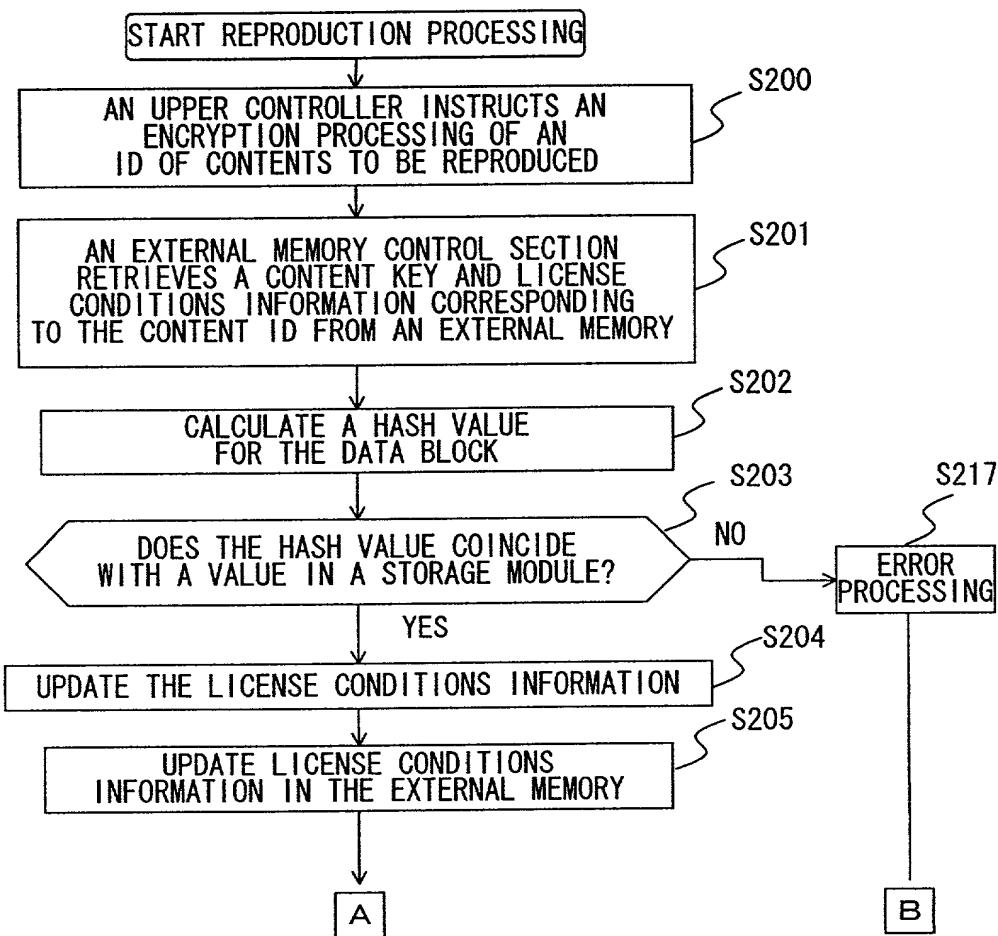


FIG. 72

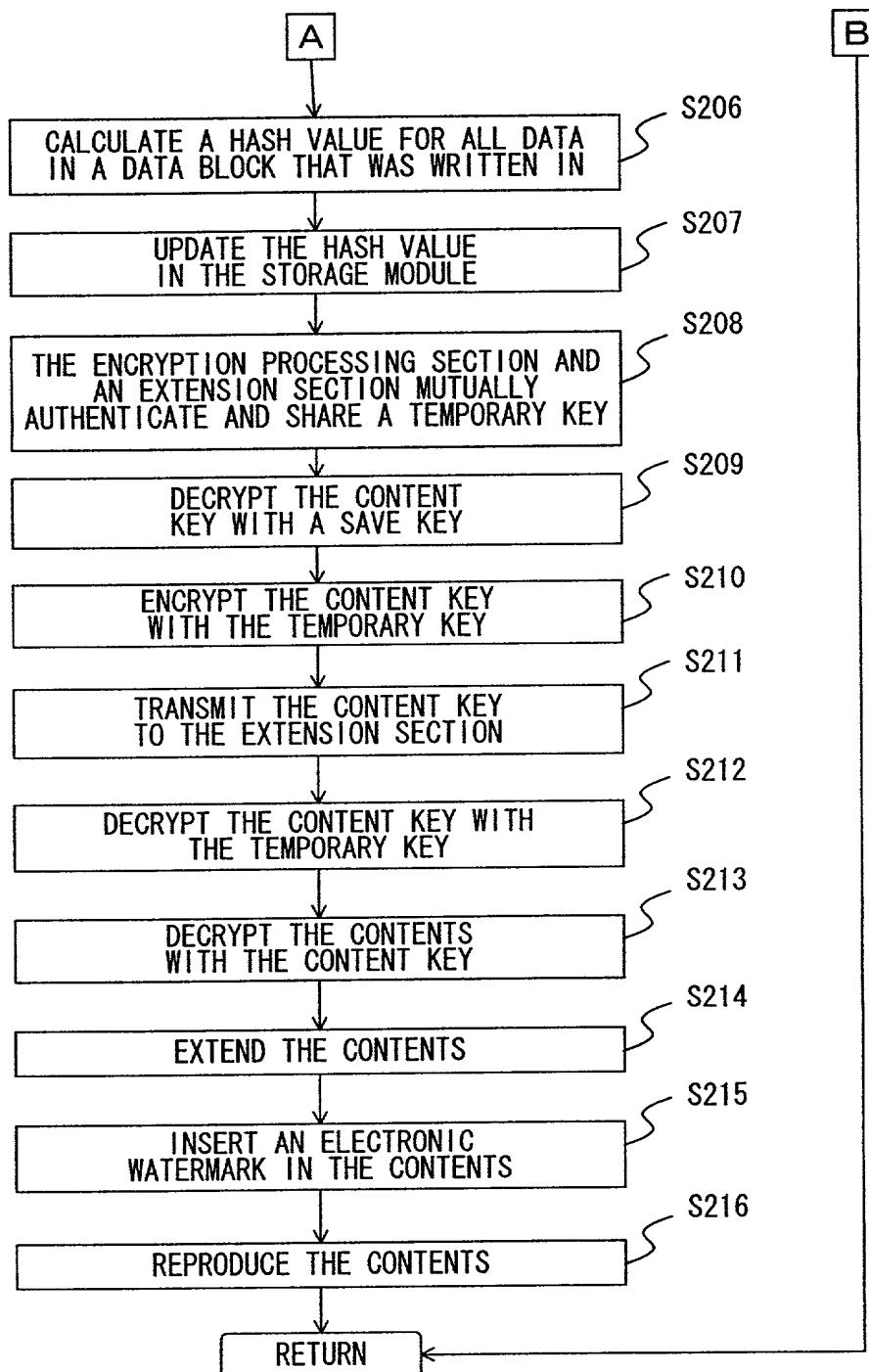


FIG. 73

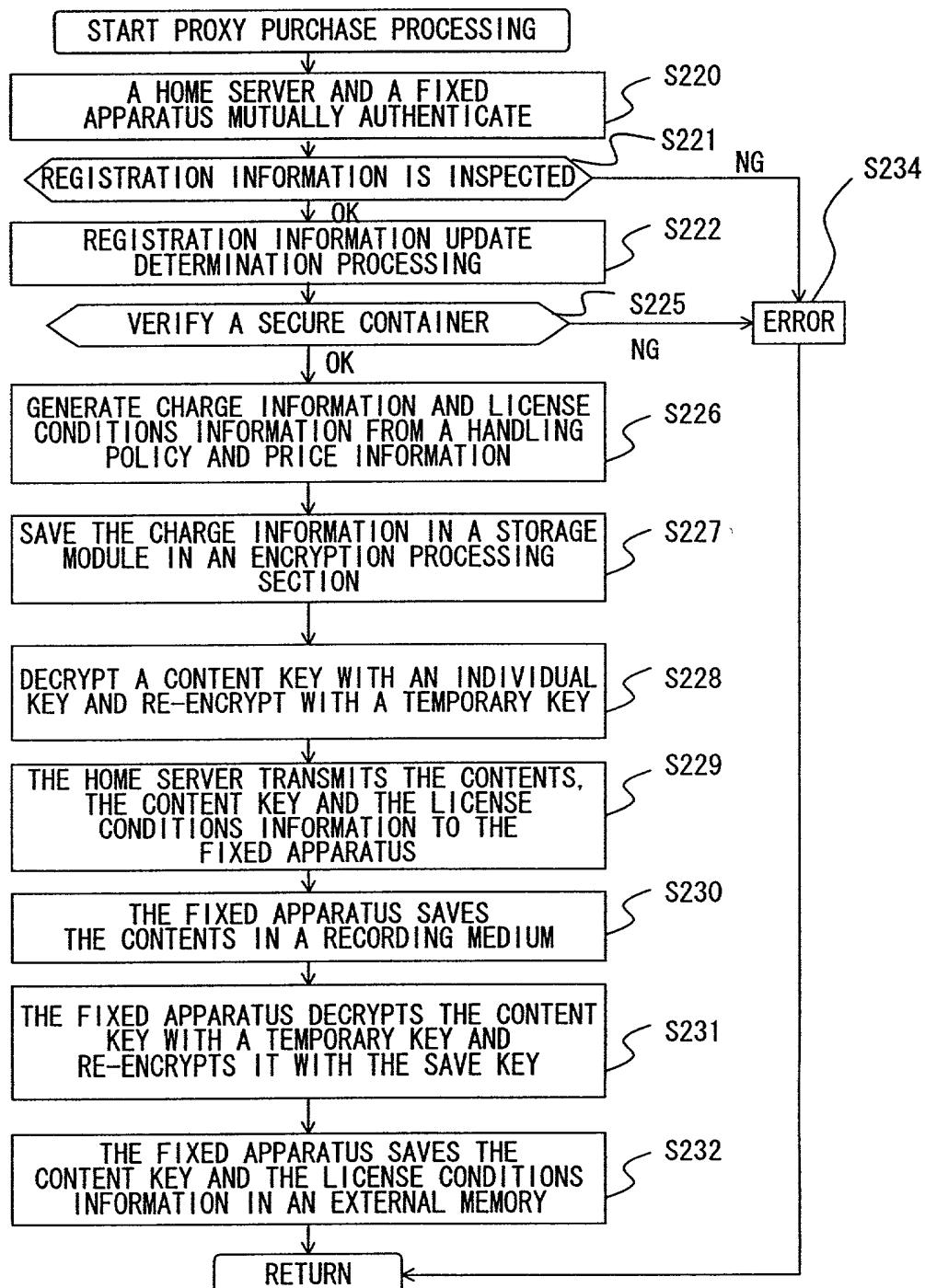


FIG. 74

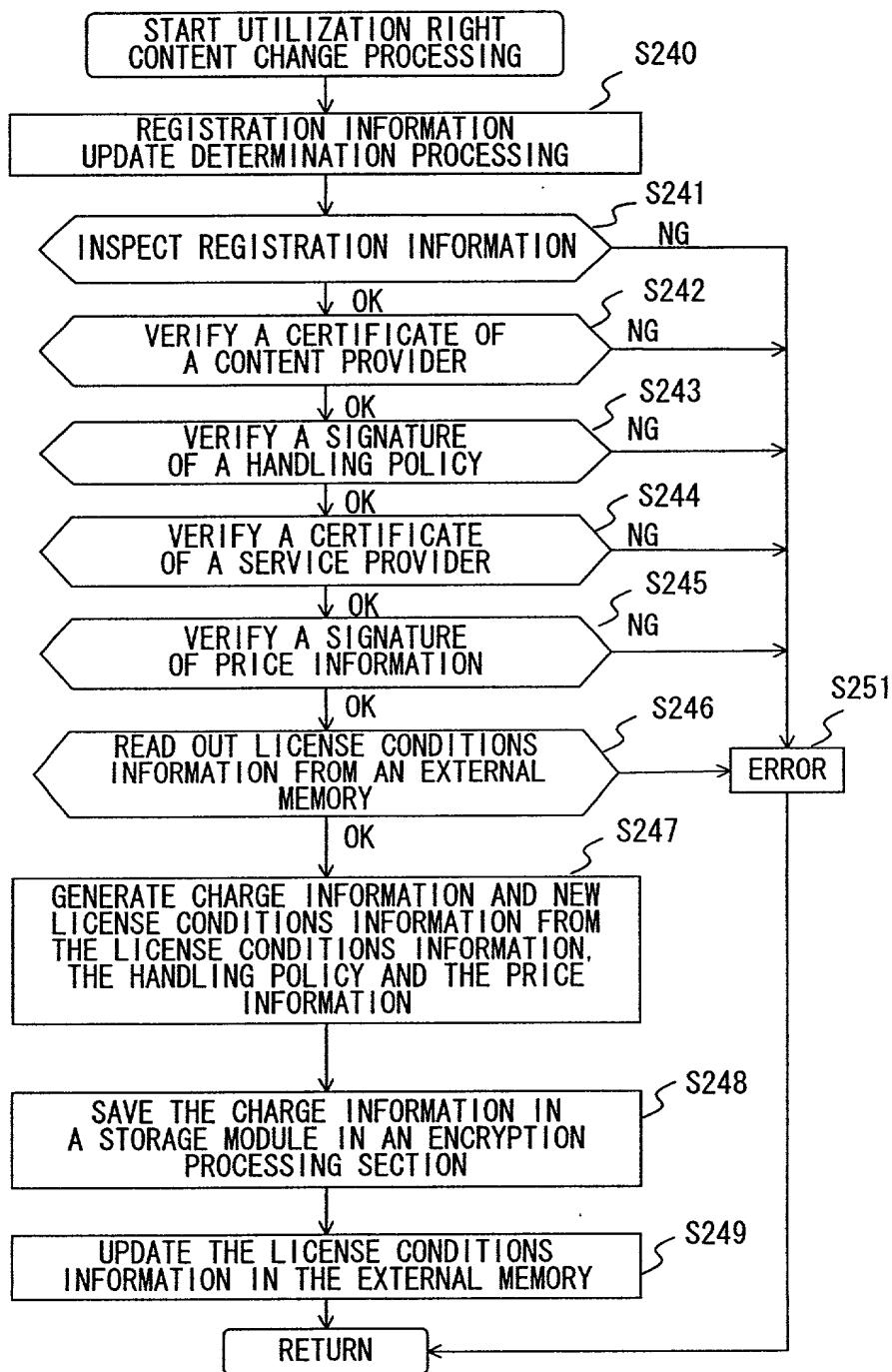


FIG. 75

RULE n	RULE NUMBER
	UTILIZATION RIGHT CONTENT NUMBER
	PARAMETER
	MINIMUM PRICE
	SHARE (PROFIT RATIO)
RULE 1	RULE NUMBER #1
	UTILIZATION RIGHT CONTENT NUMBER #1
	NO
	¥ 3 5 0
	3 0 %
RULE 2	RULE NUMBER #2
	UTILIZATION RIGHT CONTENT NUMBER #2
	ONE HOUR
	¥ 1 0 0
	3 0 %
RULE 3	RULE NUMBER #3
	UTILIZATION RIGHT CONTENT NUMBER #6
	ONCE
	¥ 3 0
	3 0 %
RULE 4	RULE NUMBER #4
	UTILIZATION RIGHT CONTENT NUMBER #13
	# 2 / # 1
	¥ 2 0 0
	2 0 %
RULE 5	RULE NUMBER #5
	UTILIZATION RIGHT CONTENT NUMBER #14
	# 1 / # 1
	¥ 2 5 0
	2 0 %

FIG. 76

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	RULE NUMBER
RULE n	PARAMETER
	PRICE
	RULE NUMBER #1
1	3 0 %
	¥ 5 0 0
	RULE NUMBER #2
2	4 0 %
	¥ 1 0 0
	RULE NUMBER #3
3	4 0 %
	¥ 1 0 0
	RULE NUMBER #4
4	1 0 %
	¥ 2 0 0
	RULE NUMBER #5
5	2 0 %
	¥ 3 5 0

FIG. 77

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		# 1
		# 1
		NO
		¥ 350
		30%
		# 2
		# 2
		ONE HOUR
	2	¥ 100
		30%
		# 3
		# 13
		# 2 / # 1
		¥ 200
		20%

A PART OF A RULE SECTION
OF A HANDLING POLICY

PRESENT

	RULE NUMBER
	UTILIZATION RIGHT CONTENT NUMBER
	PARAMETER
	# 2
	# 2
	30 MINUTES/2 HOURS

A RULE PART OF LICENSE
CONDITIONS INFORMATION

		# 1
		30%
		¥ 500
		# 2
		40%
		¥ 100
		# 3
		10%
		¥ 200

A PART OF A RULE PART
OF PRICE INFORMATION

AFTER CHANGE

	RULE NUMBER
	UTILIZATION RIGHT CONTENT NUMBER
	PARAMETER
	# 1
	# 1
	NO

A RULE PART OF LICENSE
CONDITION INFORMATION

FIG. 78

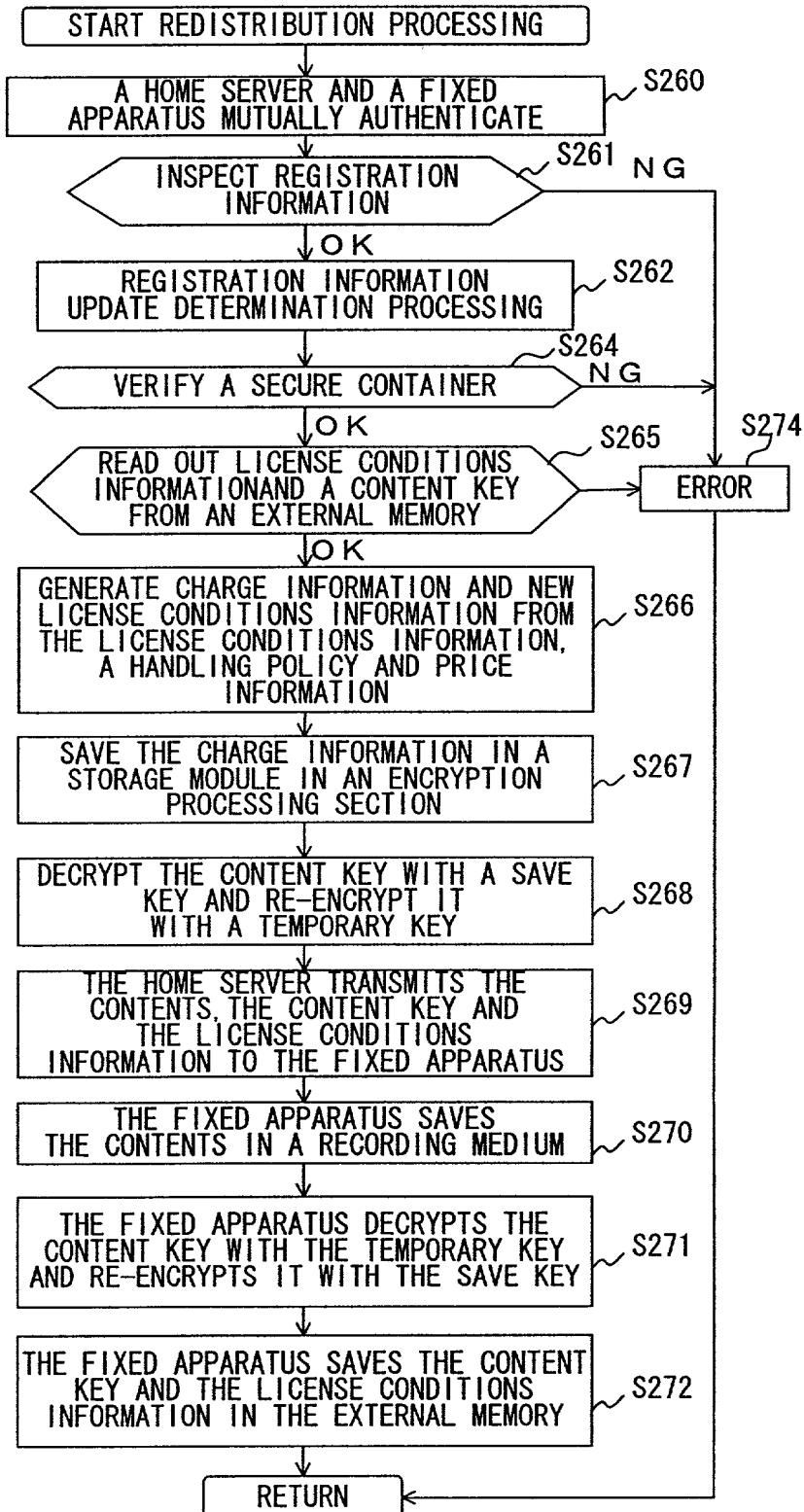


FIG. 79

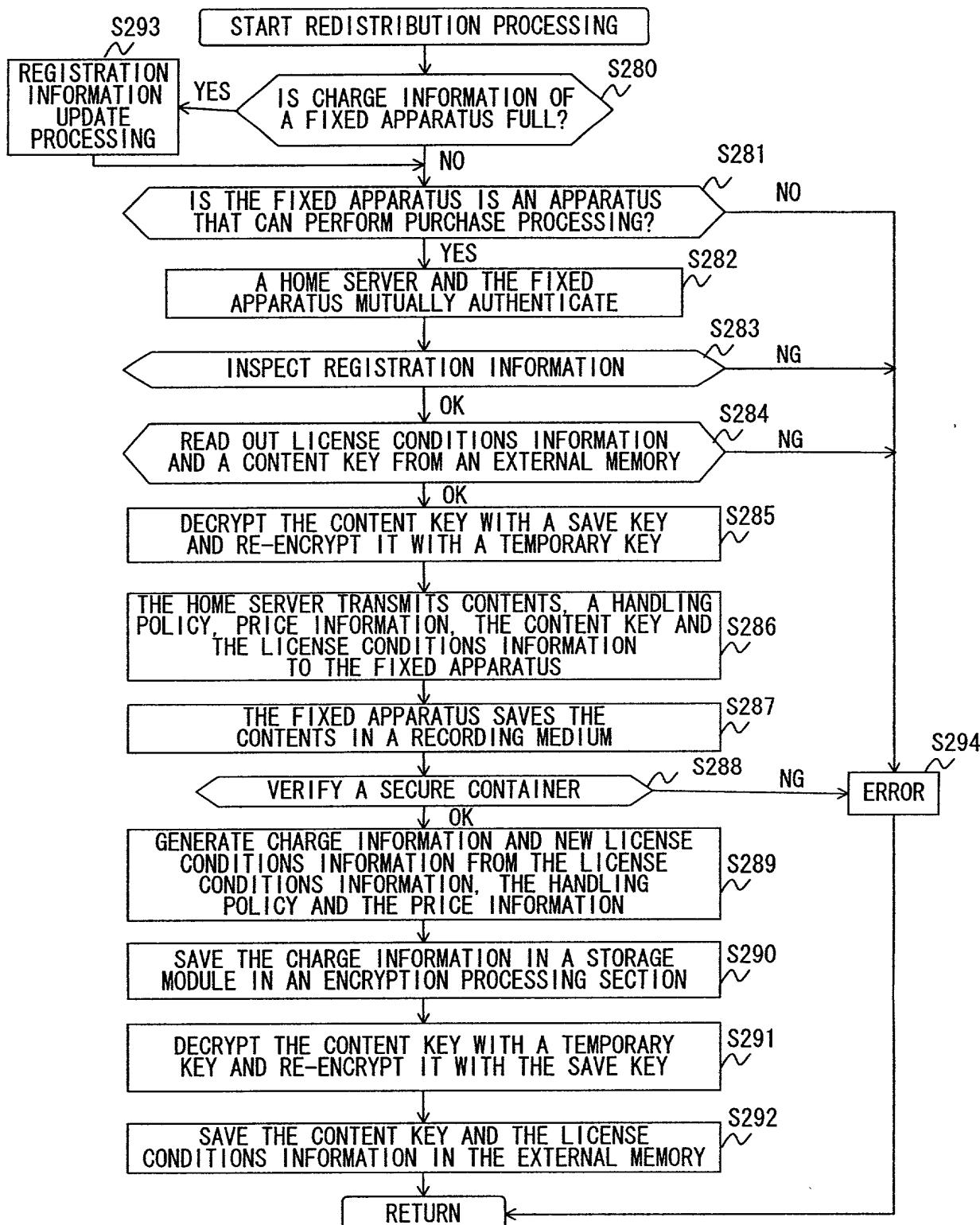


FIG. 80

RULE 1	RULE NUMBER #1	
	UTILIZATION RIGHT CONTENT NUMBER #1	
NO		
¥ 3 5 0		
3 0 %		
RULE 2	RULE NUMBER #2	
	UTILIZATION RIGHT CONTENT NUMBER #16	
NO		
¥ 1 0 0		
5 0 %		

A PART OF A RULE SECTION
OF A HANDLING POLICY

RULE 1	RULE NUMBER #1	
	3 0 %	
¥ 5 0 0		
RULE 2	RULE NUMBER #2	
	0 %	
¥ 1 0 0		

A PART OF A RULE PART
OF PRICE INFORMATION

(a)	RULE	RULE NUMBER #1		RULE NUMBER #1 (RULE NUMBER)
		I D 1		I D 1 (ID OF AN ENCRYPTION PROCESSING SECTION)
	NO	—	(AN ID OF AN ENCRYPTION PROCESSING SECTION HAVING A REPRODUCTION RIGHT)	

INITIAL STATE :
WITHOUT REPRODUCTION RIGHT, TIME AND
NUMBER OF TIMES LIMITATIONS WITHOUT A
MANAGEMENT TRANSFER RIGHT

(b)	RULE	RULE NUMBER #1		AFTER PURCHASING A MANAGEMENT TRANSFER RIGHT:
		I D 1		WITHOUT REPRODUCTION RIGHT, TIME AND NUMBER OF TIMES LIMITATIONS WITH MANAGEMENT TRANSFER RIGHT (PURCHASER/HOLDER)
	YES	I D 1		

(c)	RULE	RULE NUMBER #1		AFTER TRANSFERRING A MANAGEMENT TRANSFER RIGHT :
		I D 1		A PART OF LICENSE CONDITIONS INFORMATION STATE OF A RECEIVING SIDE (ID2)
	YES	I D 2		

AFTER TRANSFERRING A
MANAGEMENT TRANSFER RIGHT :
A PART OF A LICENSE
CONDITIONS INFORMATION STATE
OF A TRANSMITTING SIDE (ID1)

RULE	RULE NUMBER #1		AFTER TRANSFERRING A MANAGEMENT TRANSFER RIGHT :
	I D 1		A PART OF LICENSE CONDITIONS INFORMATION STATE OF A RECEIVING SIDE (ID2)
YES	I D 2		

FIG. 81

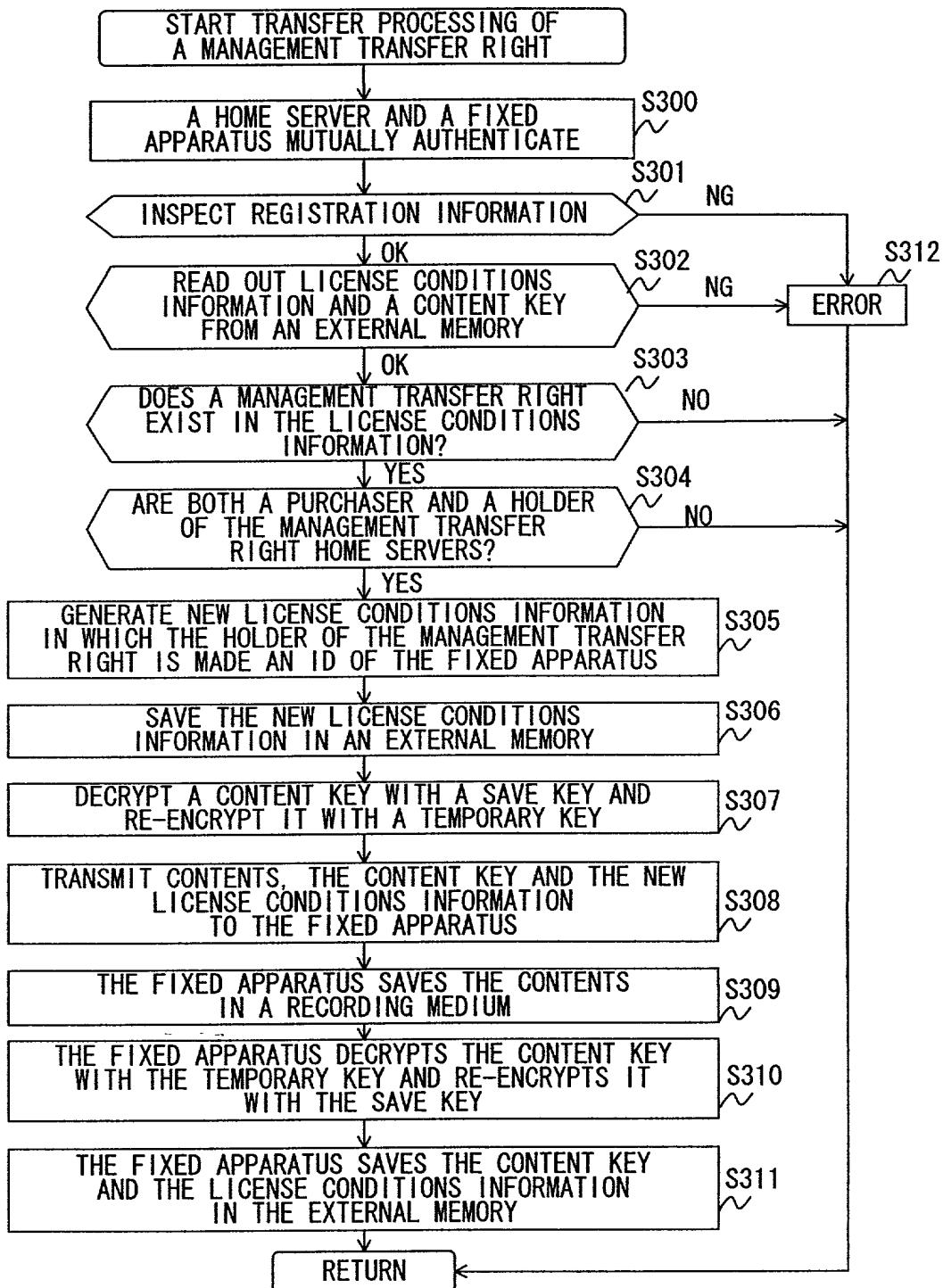


FIG. 82

00000000000000000000000000000000

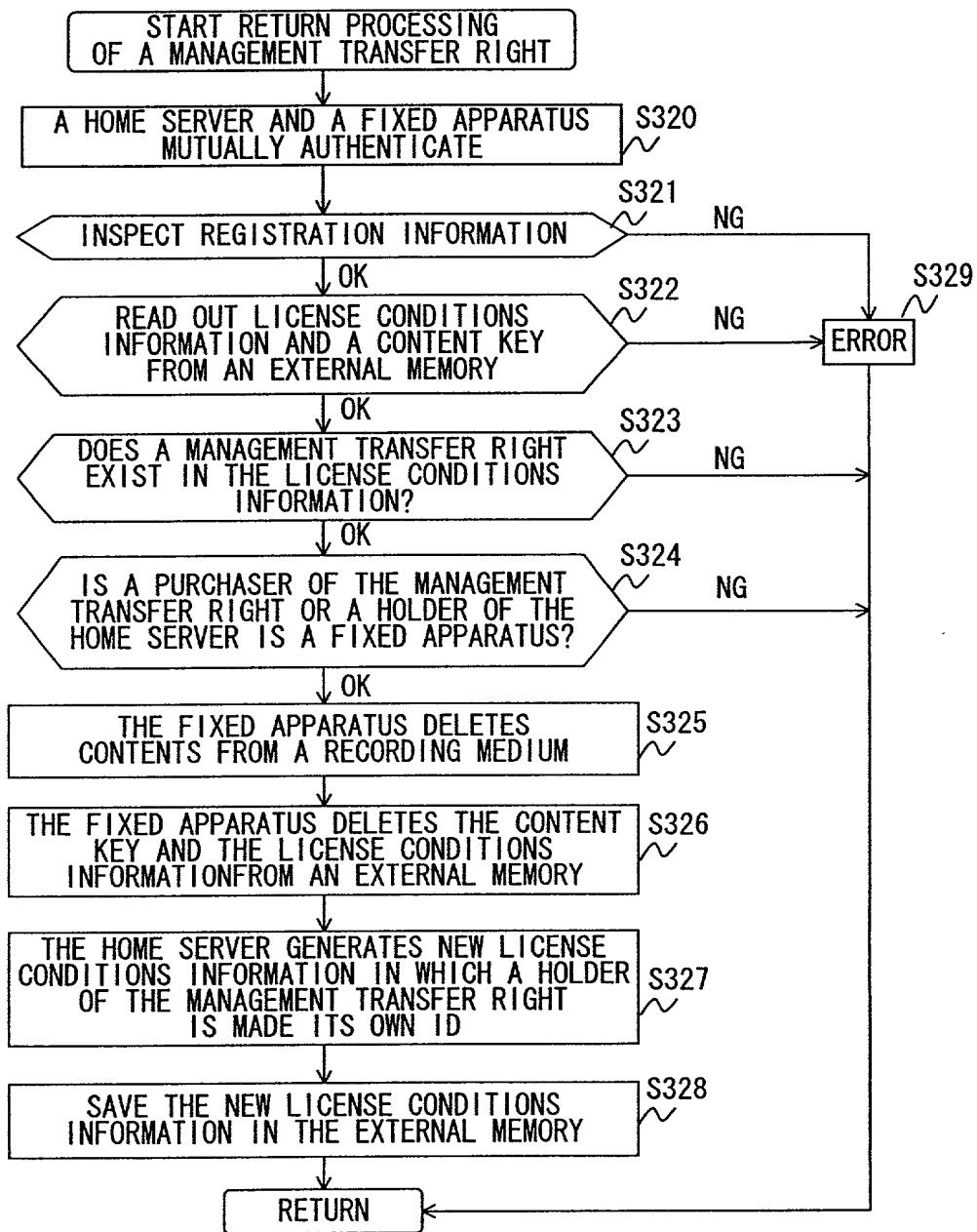


FIG. 83

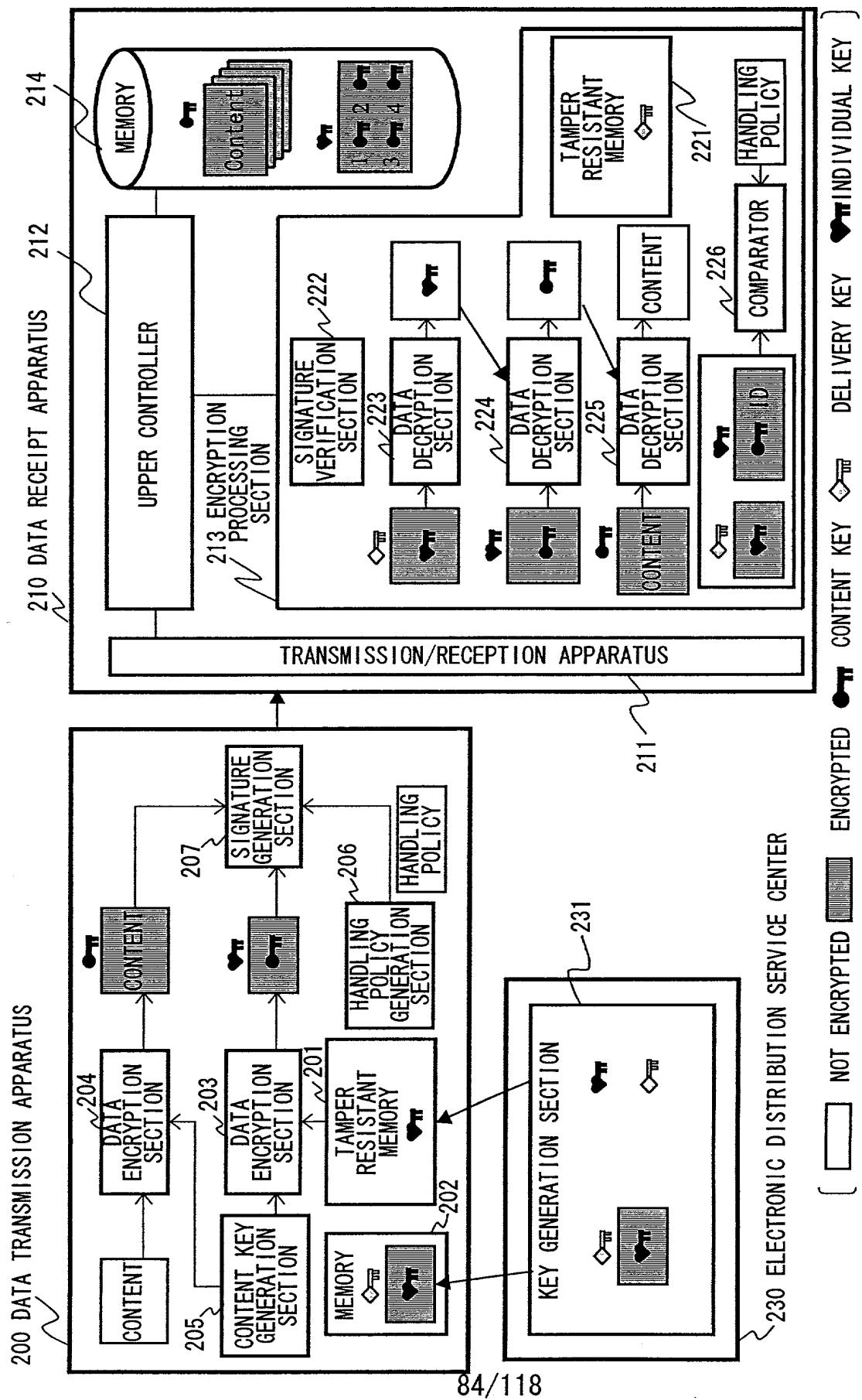


FIG. 84

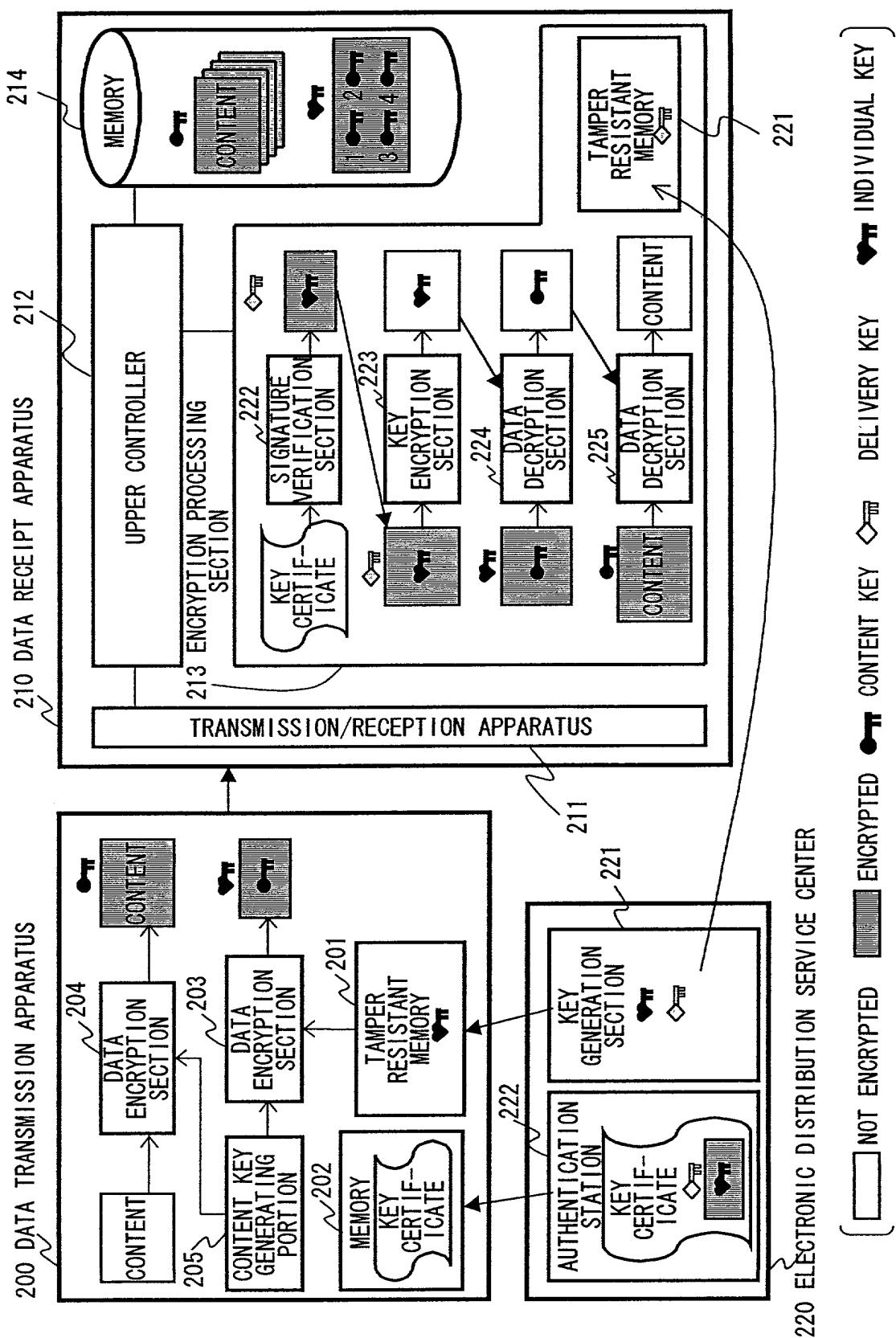


FIG. 85

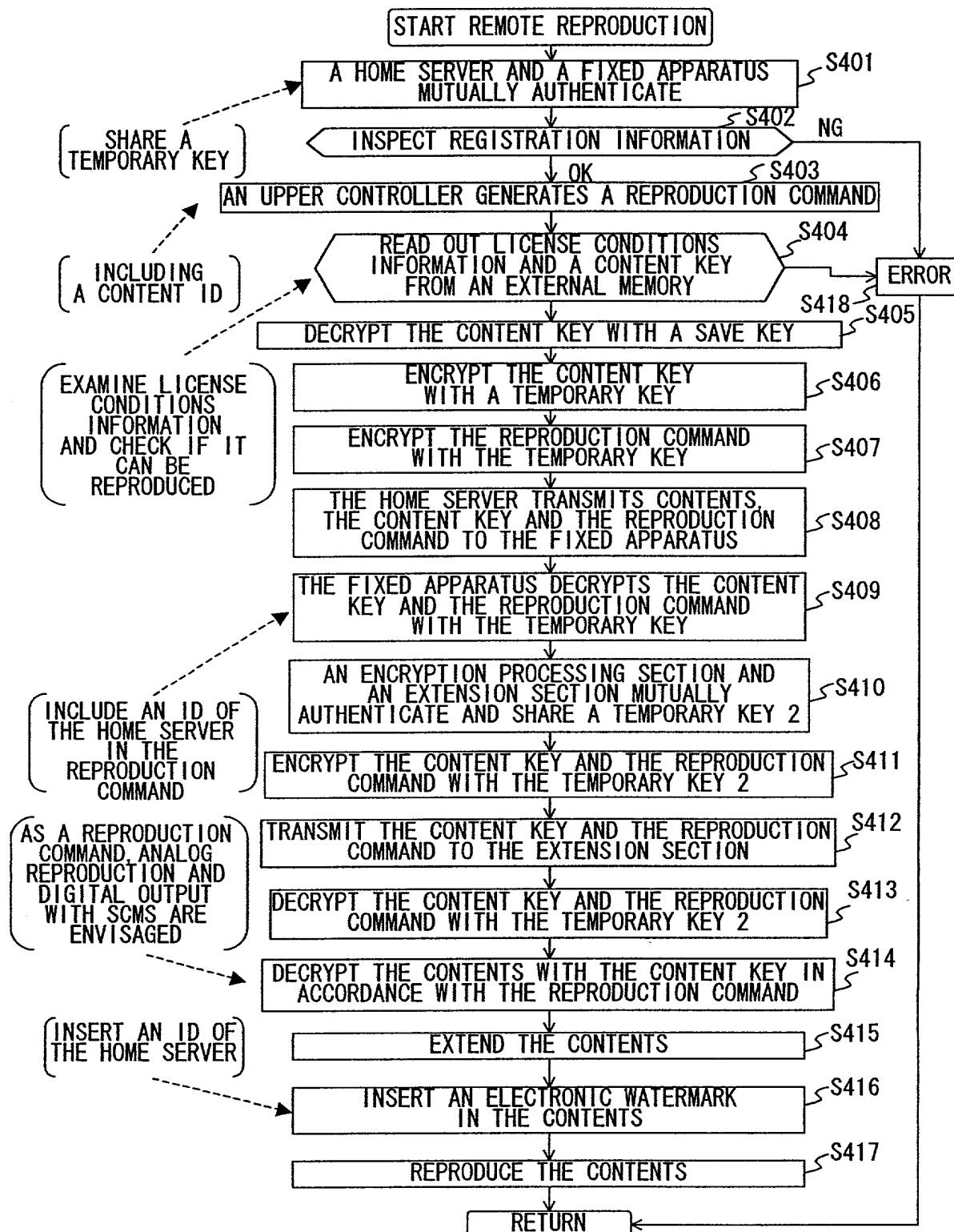


FIG. 86

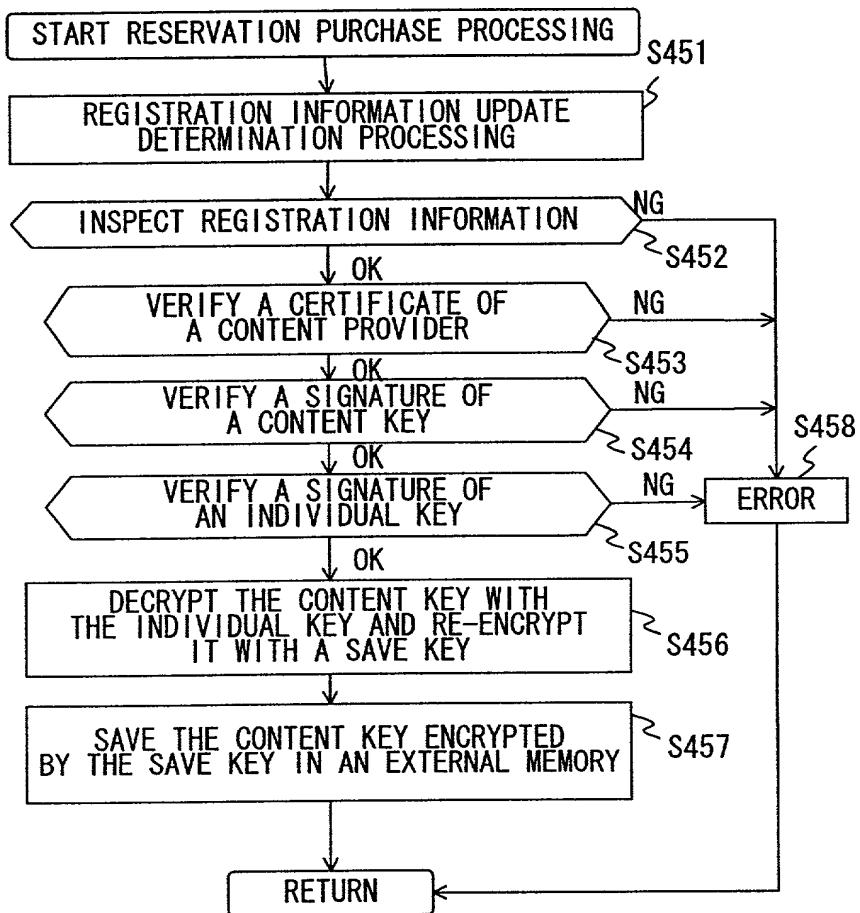


FIG. 87

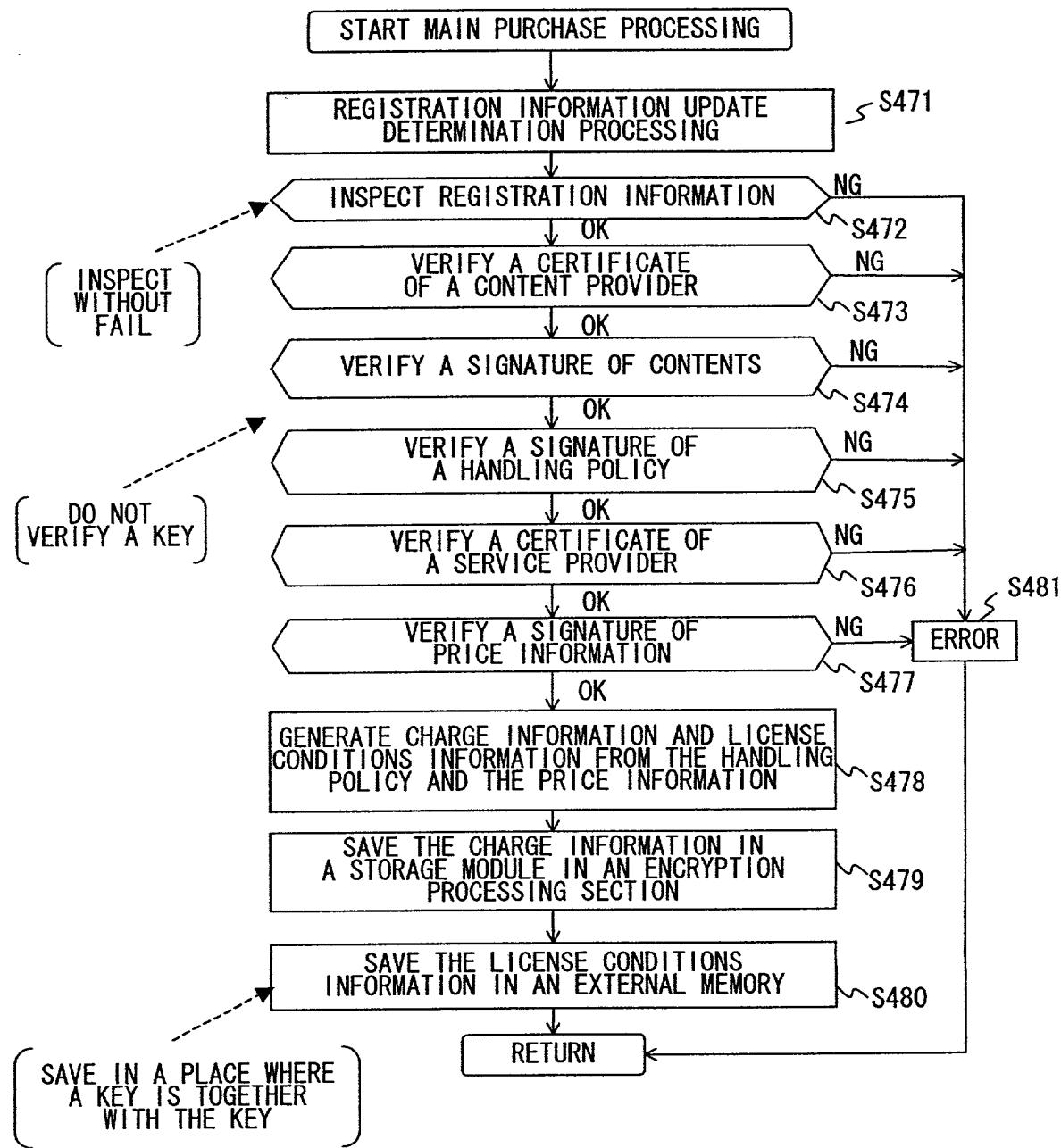


FIG. 88

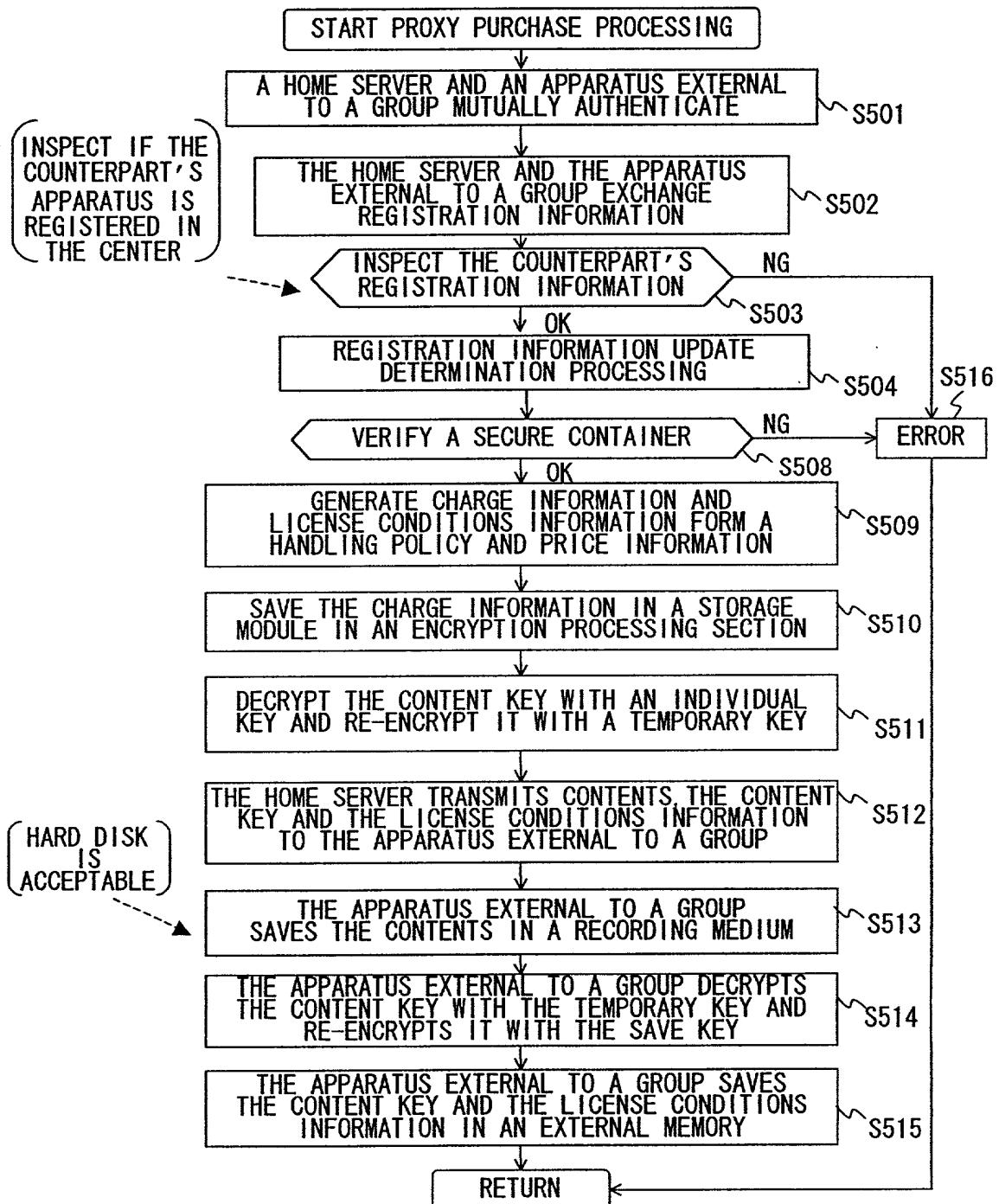


FIG. 89

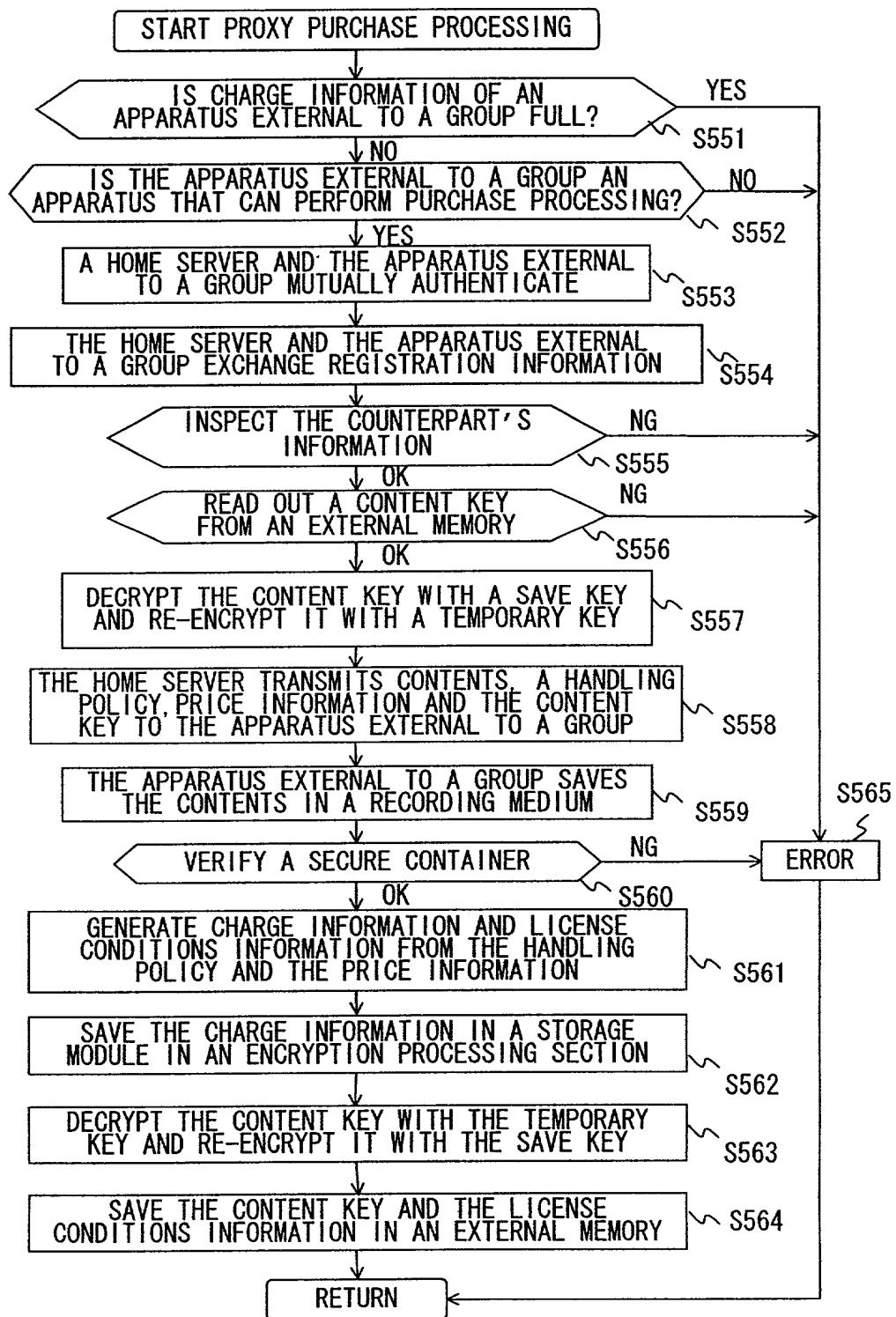


FIG. 90

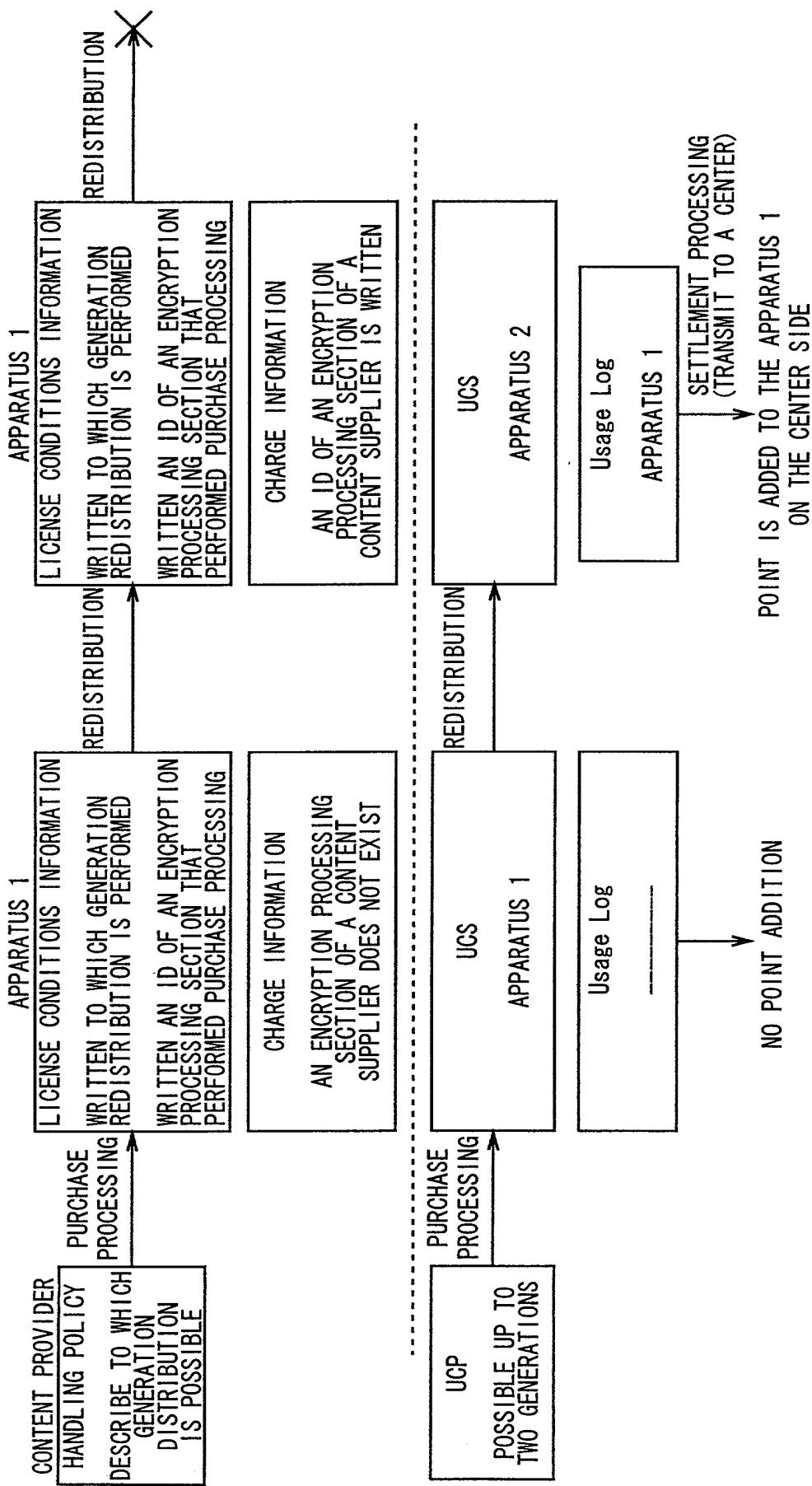
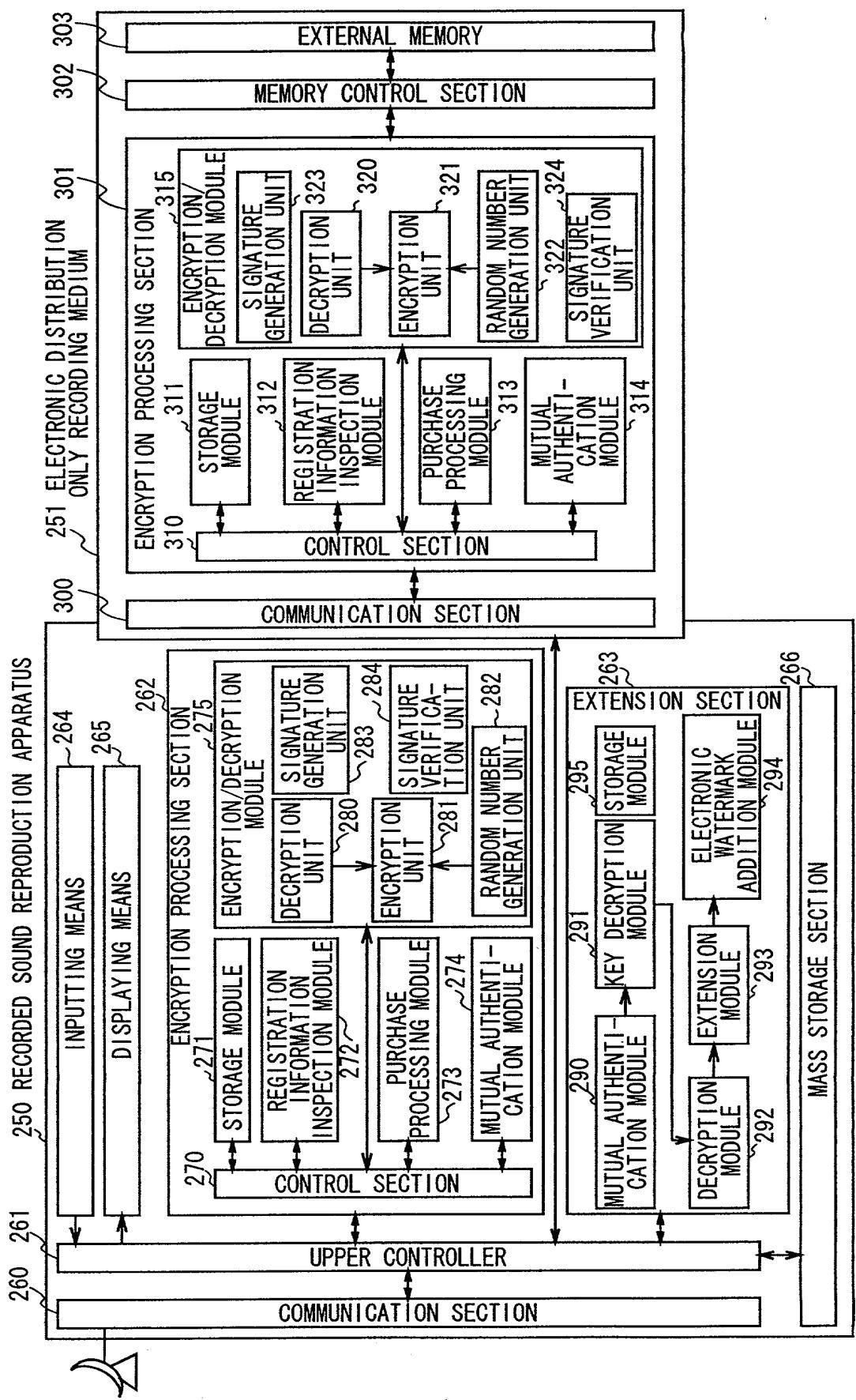


FIG. 91



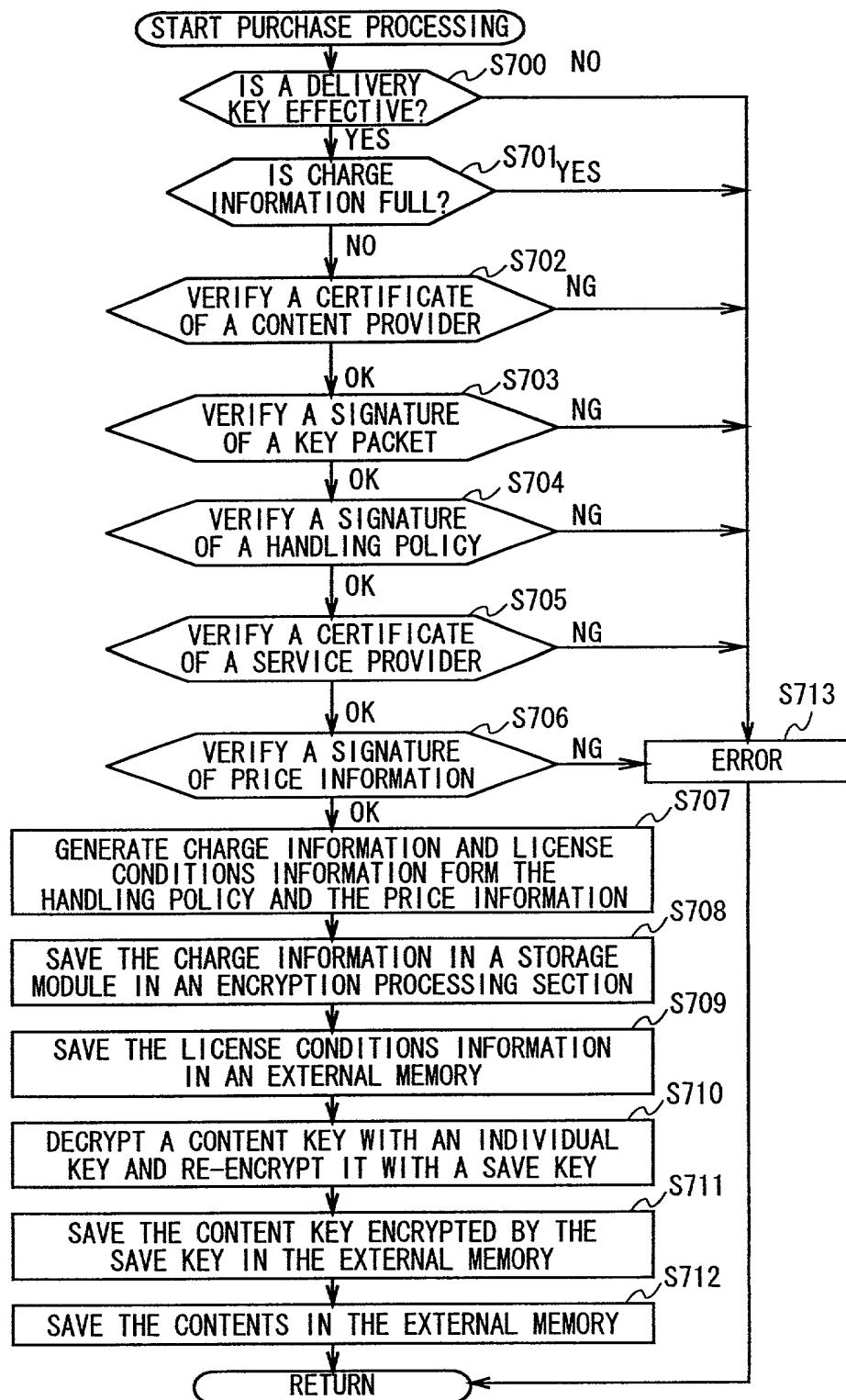


FIG. 93

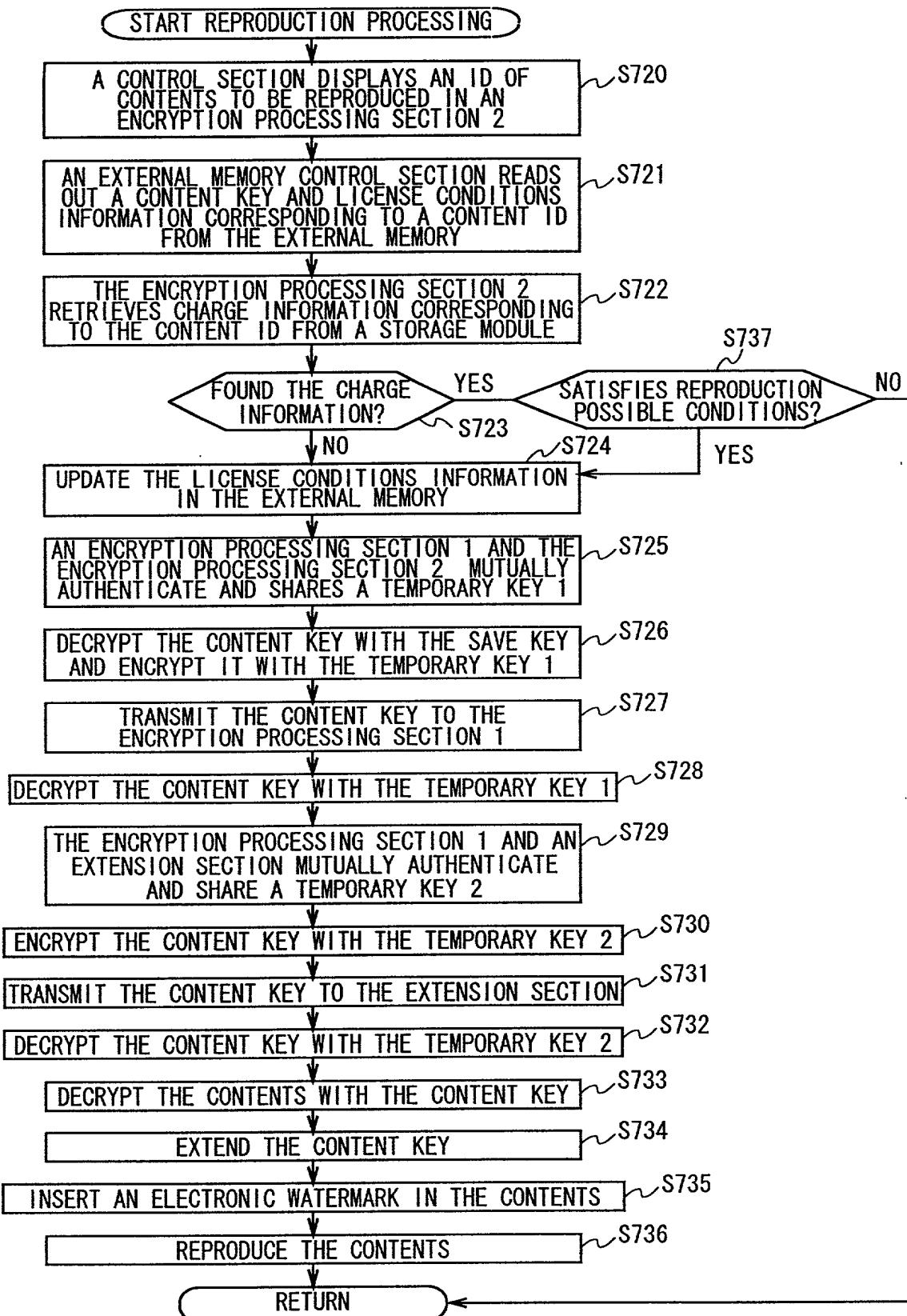
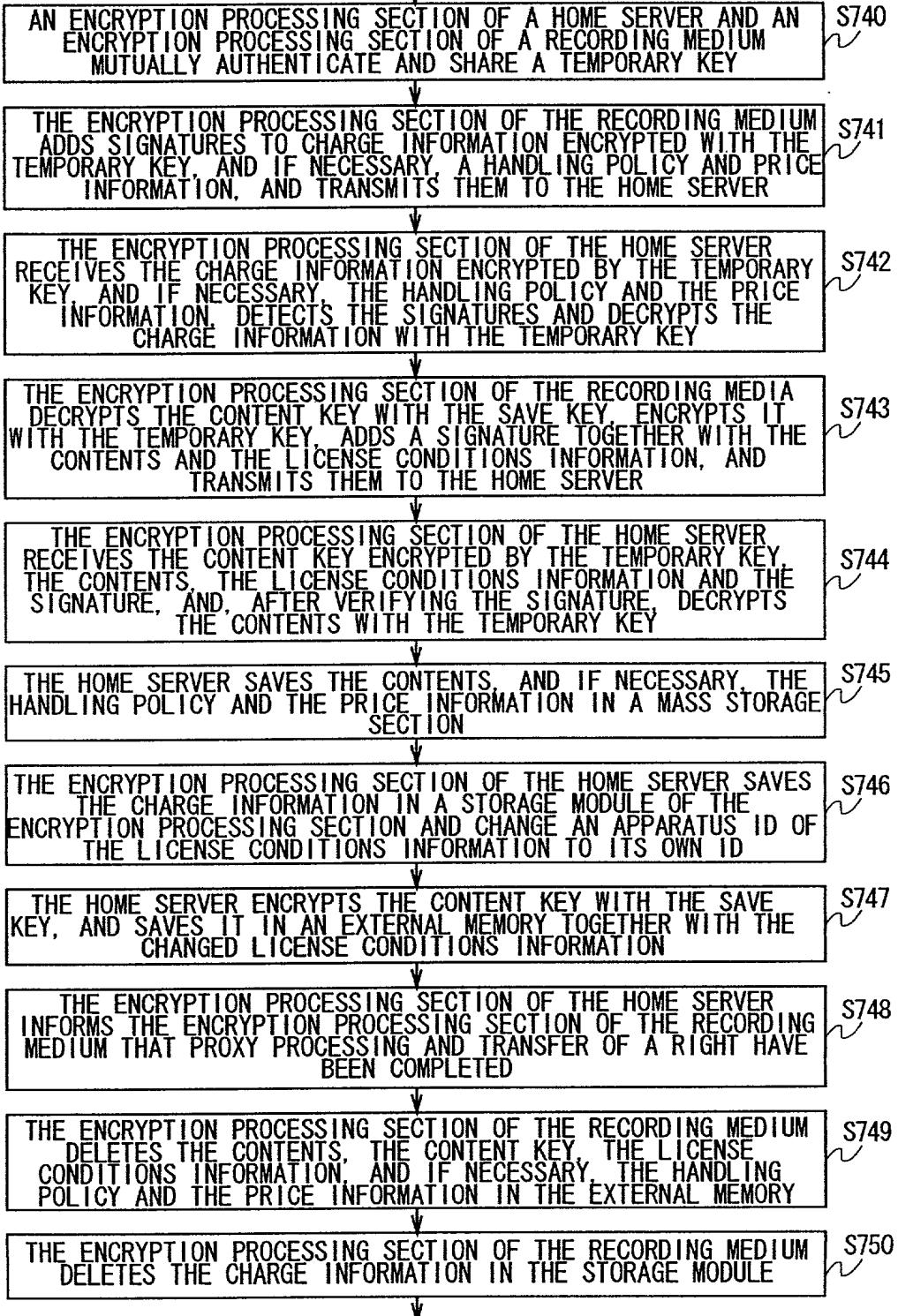


FIG. 94

PROXY PROCESSING OF CHARGE INFORMATION
AND TRANSFER OF A RIGHT



RETURN

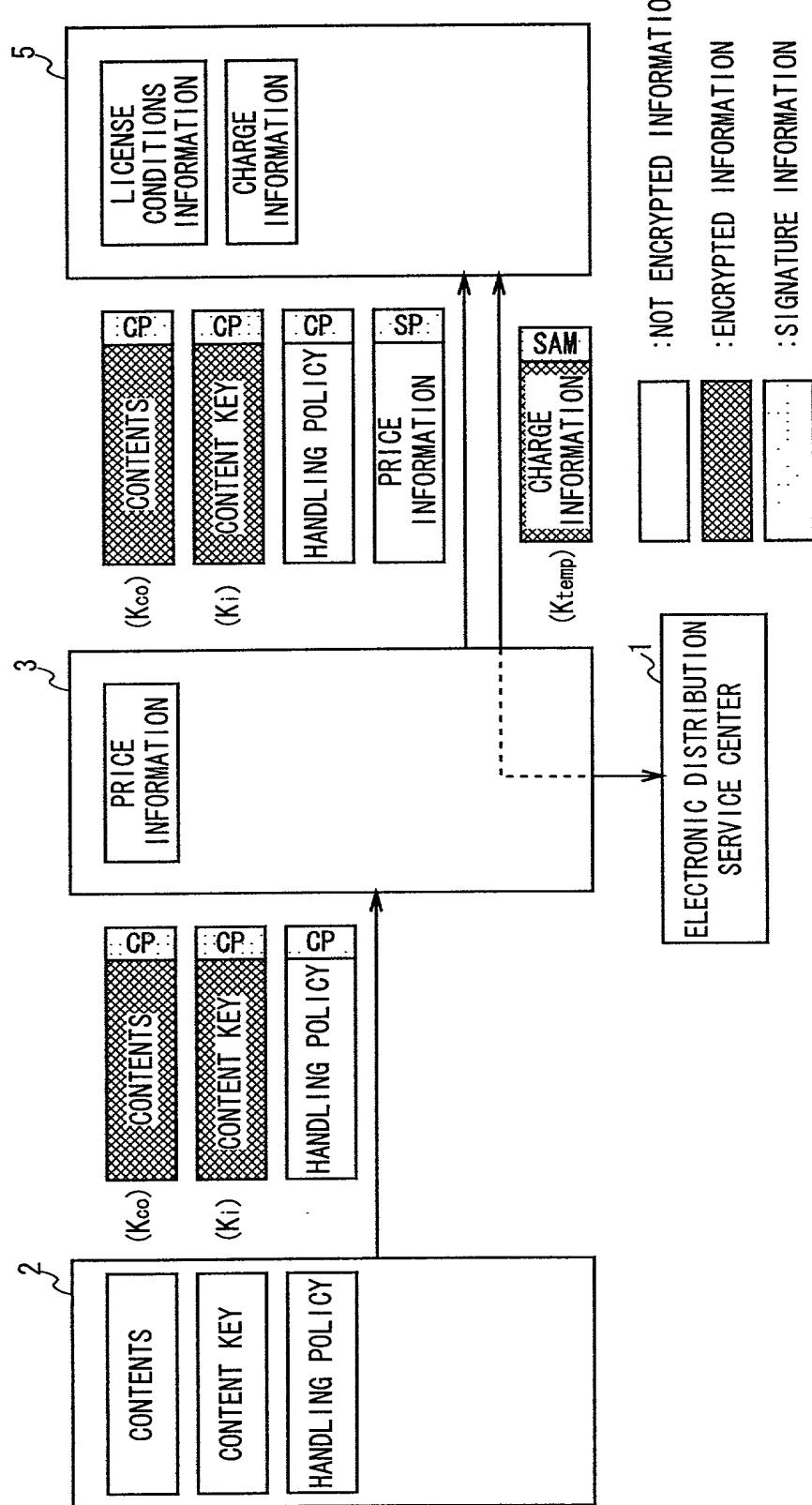


FIG. 96

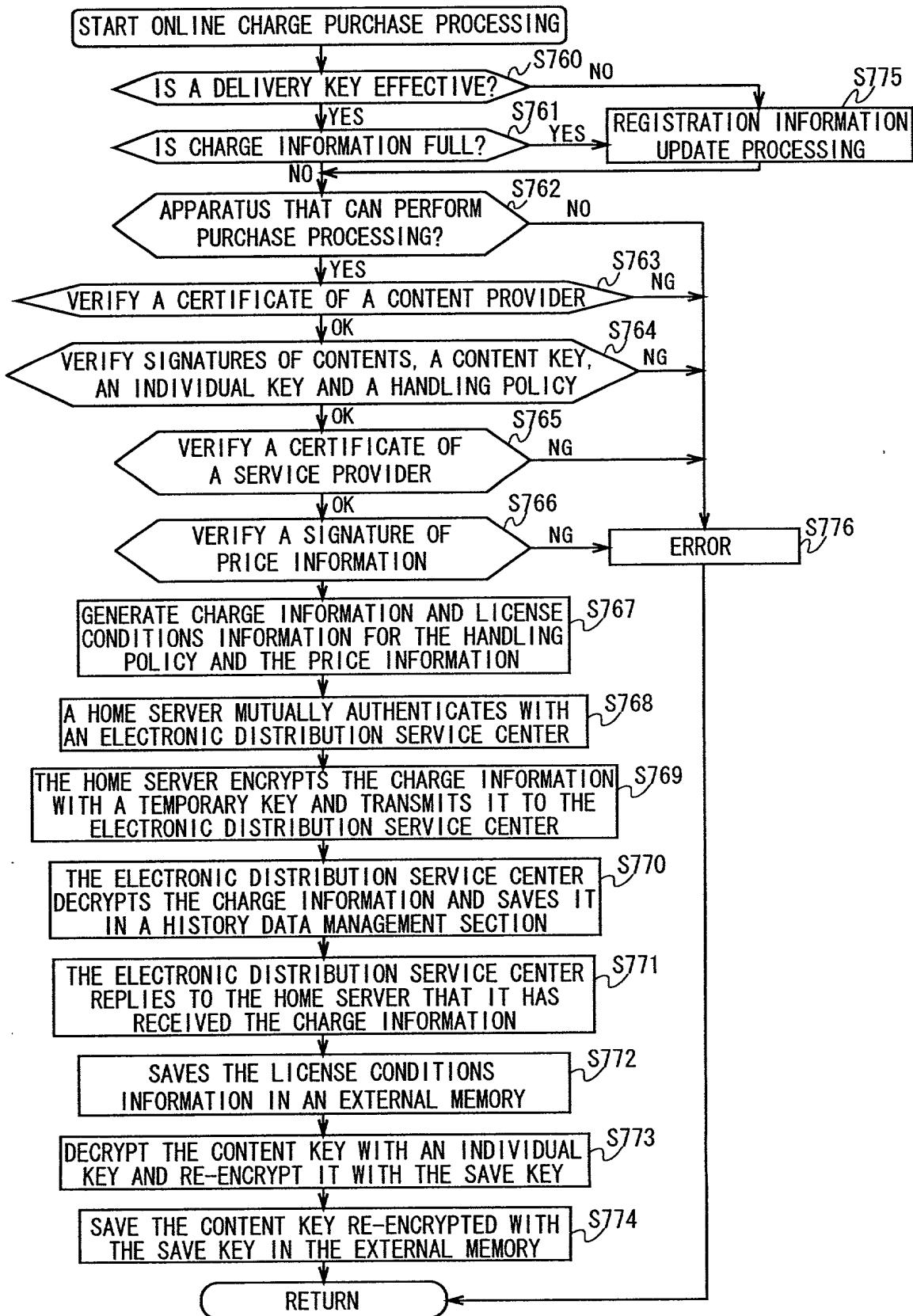


FIG. 97

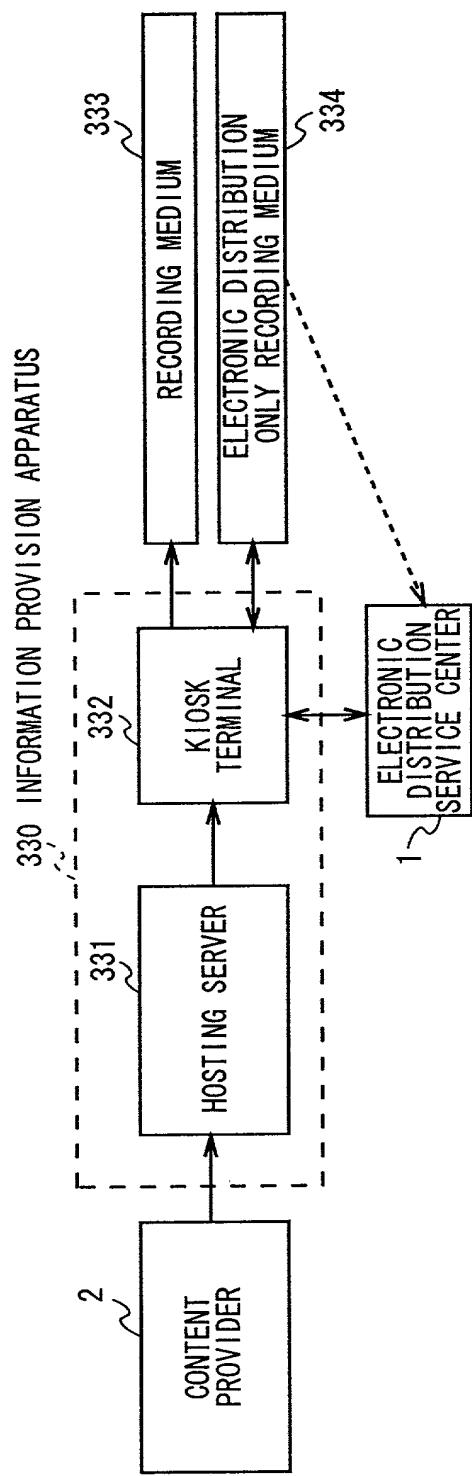
10

FIG. 98

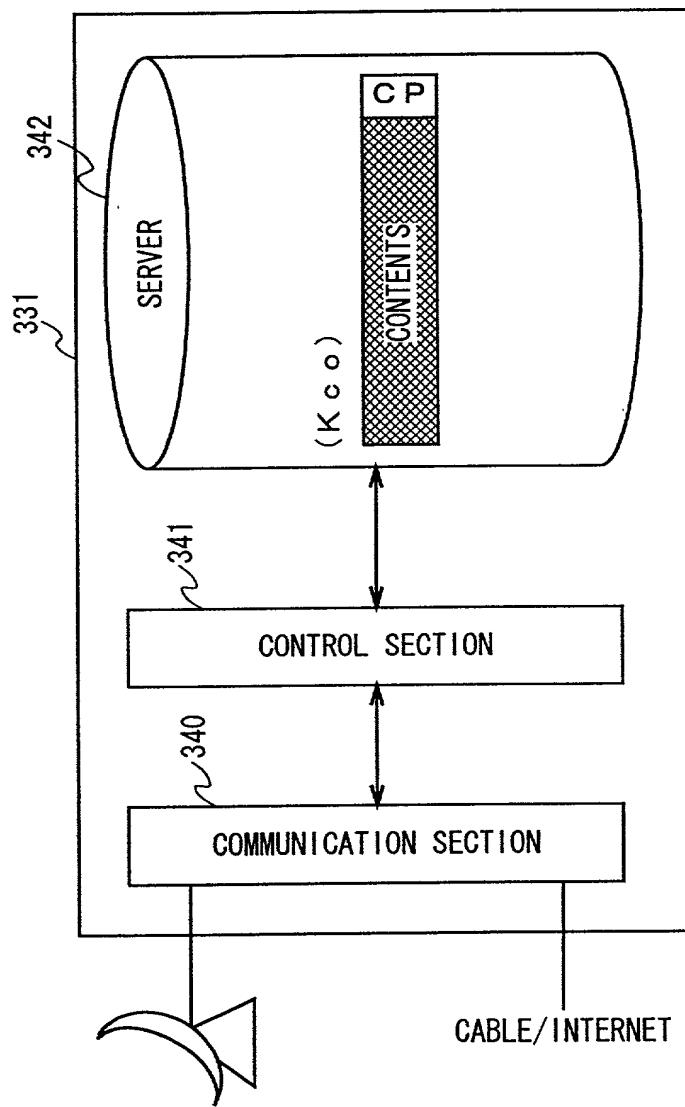


FIG. 99

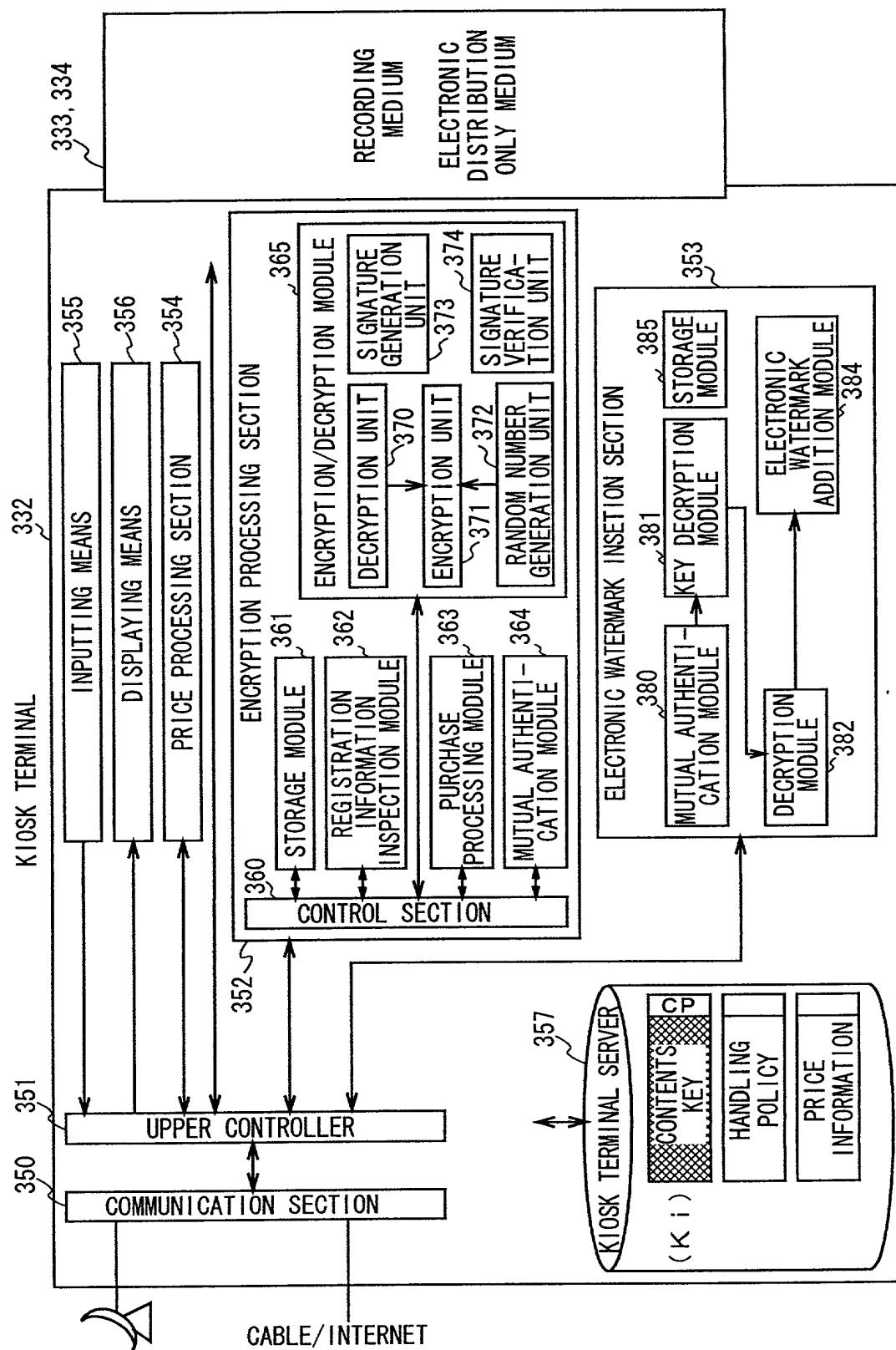


FIG. 100

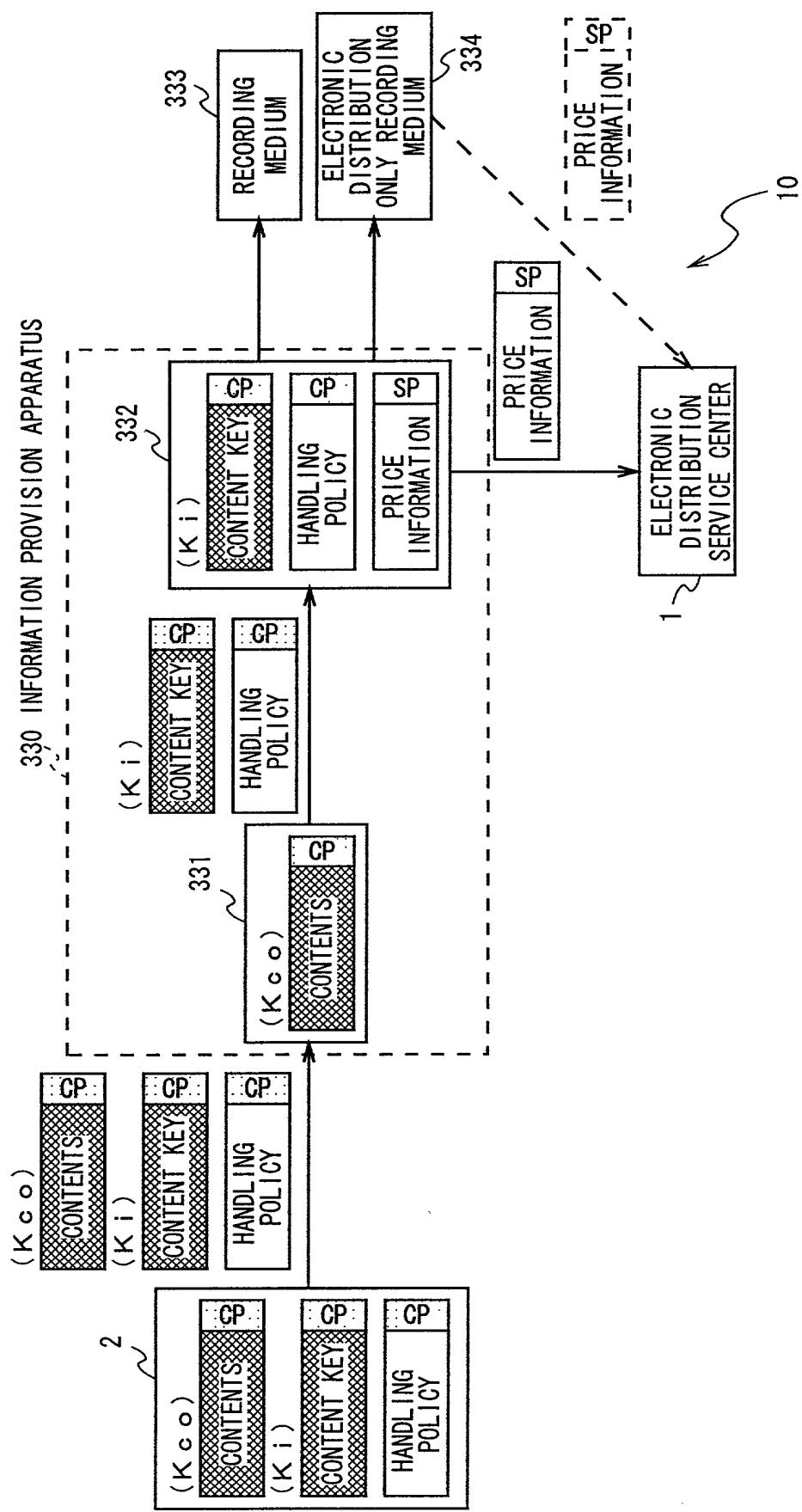


FIG. 101

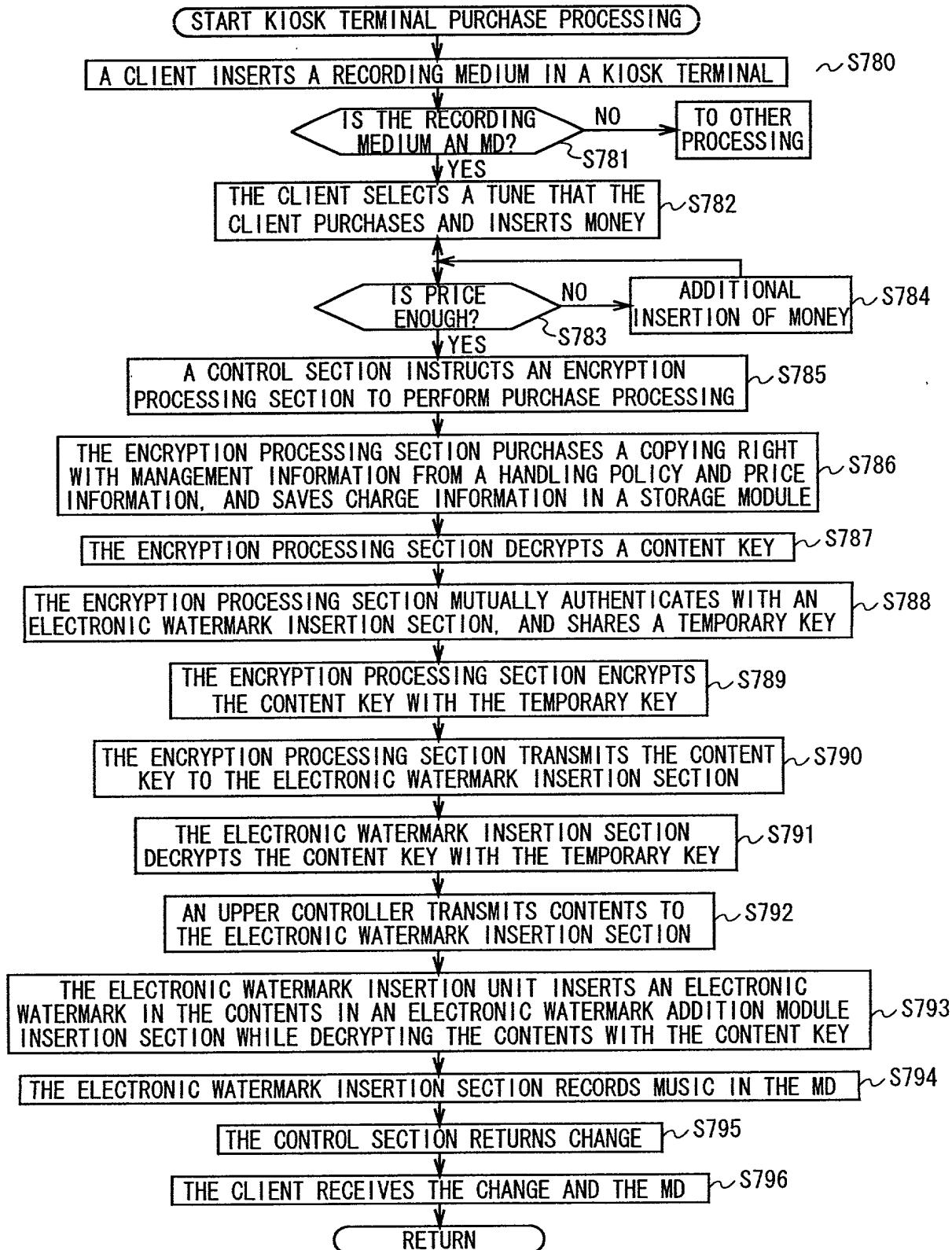


FIG. 102

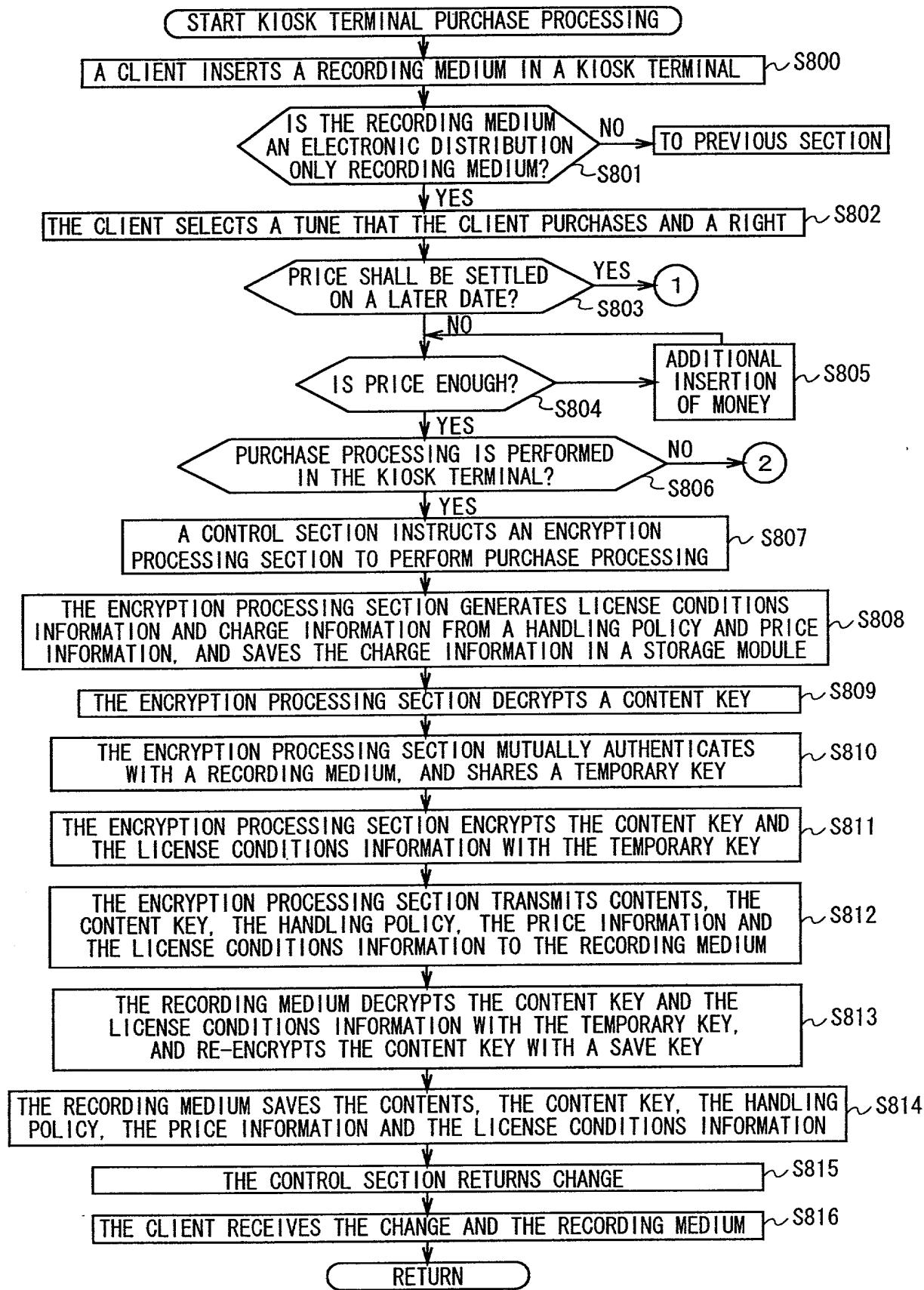


FIG. 103

00000000000000000000000000000000

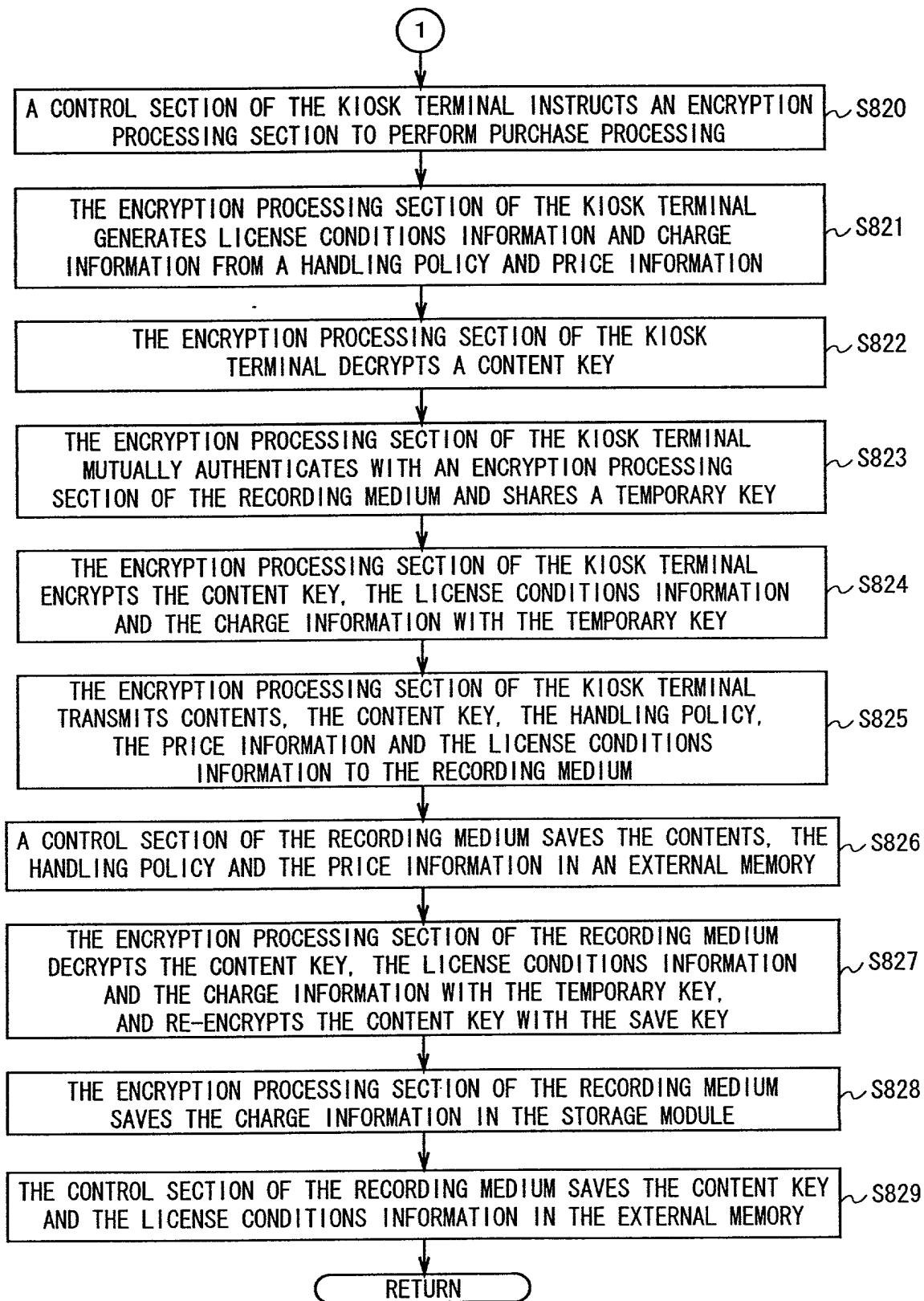


FIG. 104

2

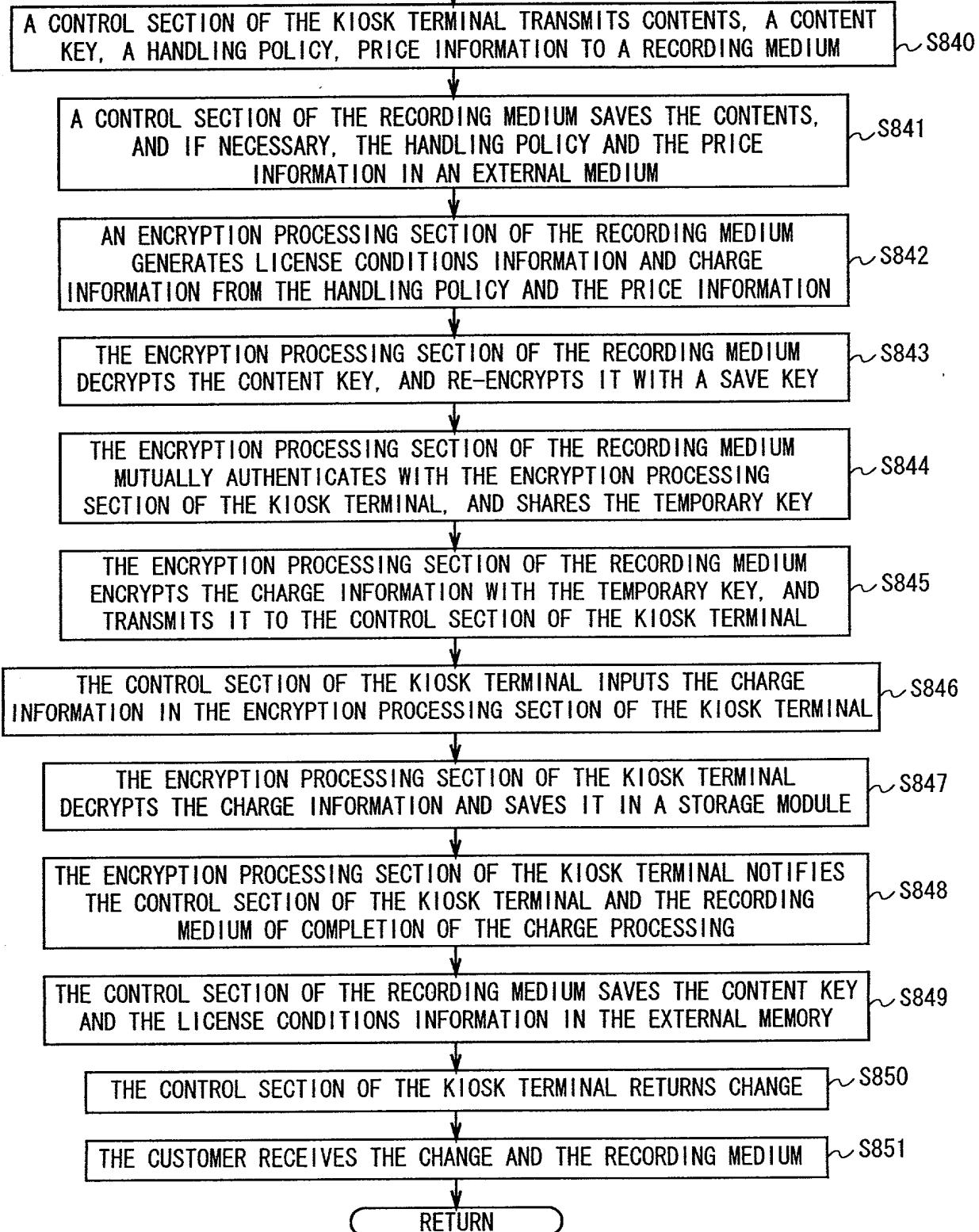


FIG. 105

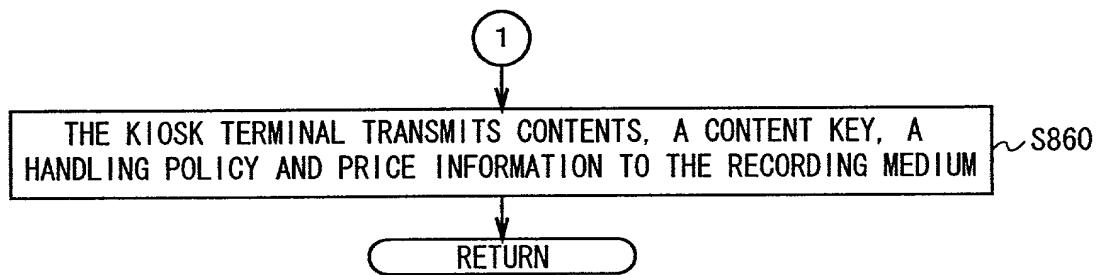


FIG. 106

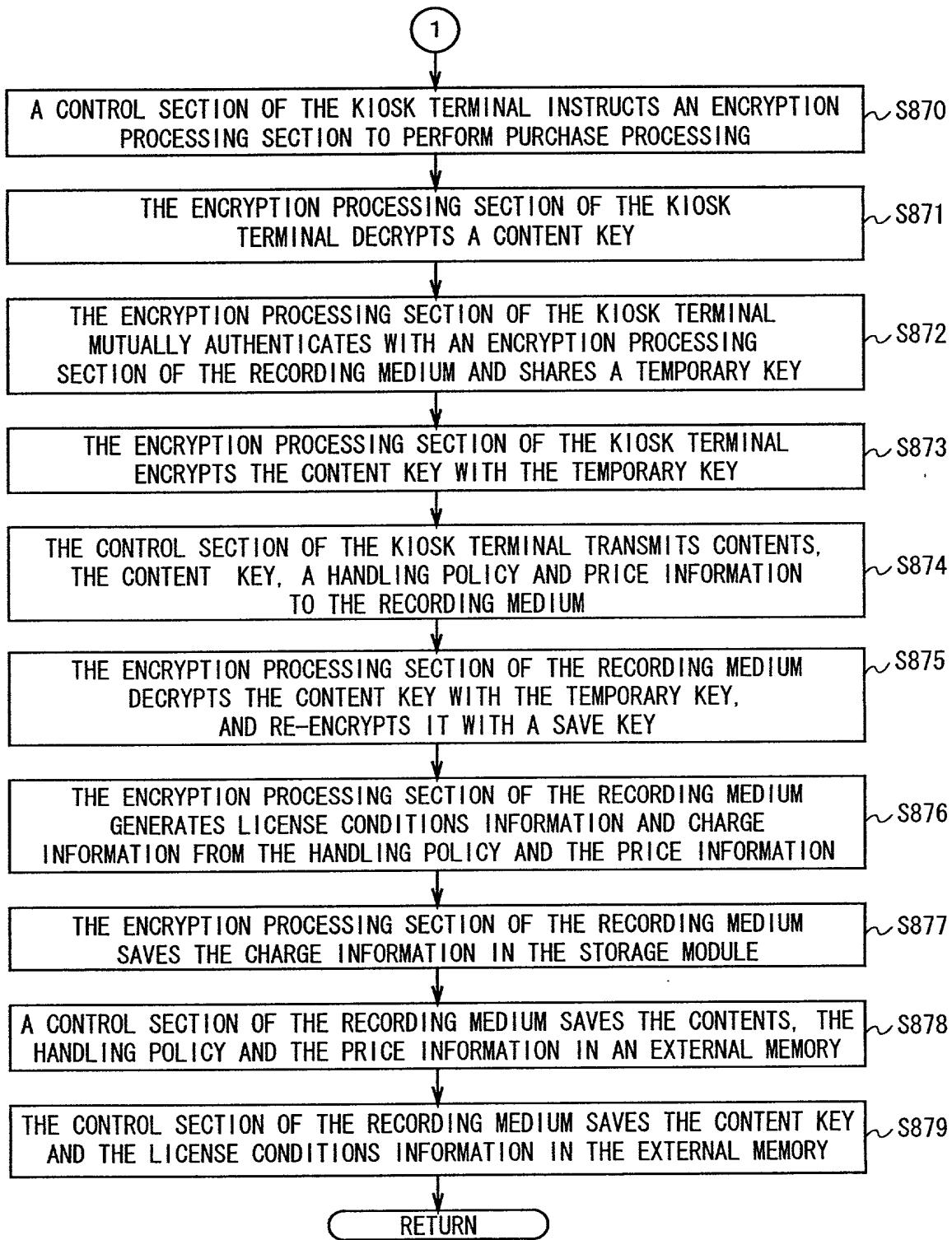


FIG. 107

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UPDATE DATE			
SERIAL NUMBER			
	ID 1 OF CONTENTS	ID 2 OF CONTENTS	...
CONTENTS BEING OBJECTS OF PURCHASE PROHIBITION			
	• • •	• • •	
	ID 1 OF A CONTENT PROVIDER	ID 2 OF A CONTENT PROVIDER	...
CONTENT PROVIDER BEING AN OBJECT OF UTILIZATION PROHIBITION			
	• • •	• • •	
	ID 1 OF A SERVICE PROVIDER	ID 2 OF A SERVICE PROVIDER	...
SERVICE PROVIDER BEING AN OBJECT OF UTILIZATION PROHIBITION			
	• • •	• • •	
SIGNATURE			

FIG. 108

ID 1 OF CONTENTS/ID 1 OF A CONTENT PROVIDER/ID 1 OF A SERVICE PROVIDER/REDISTRIBUTION/ID 1 OF AN ENCRYPTION PROCESSING SECTION OF REPURCHASER
ID 2 OF CONTENTS/ID 2 OF A CONTENT PROVIDER/ID 2 OF A SERVICE PROVIDER/REDISTRIBUTION/ID 2 OF AN ENCRYPTION PROCESSING SECTION OF REPURCHASER
•
•
ID 1 OF CONTENTS/ID N OF A CONTENT PROVIDER/ID N OF A SERVICE PROVIDER/REDISTRIBUTION/ID N OF AN ENCRYPTION PROCESSING SECTION OF REPURCHASER
SIGNATURE

FIG. 109

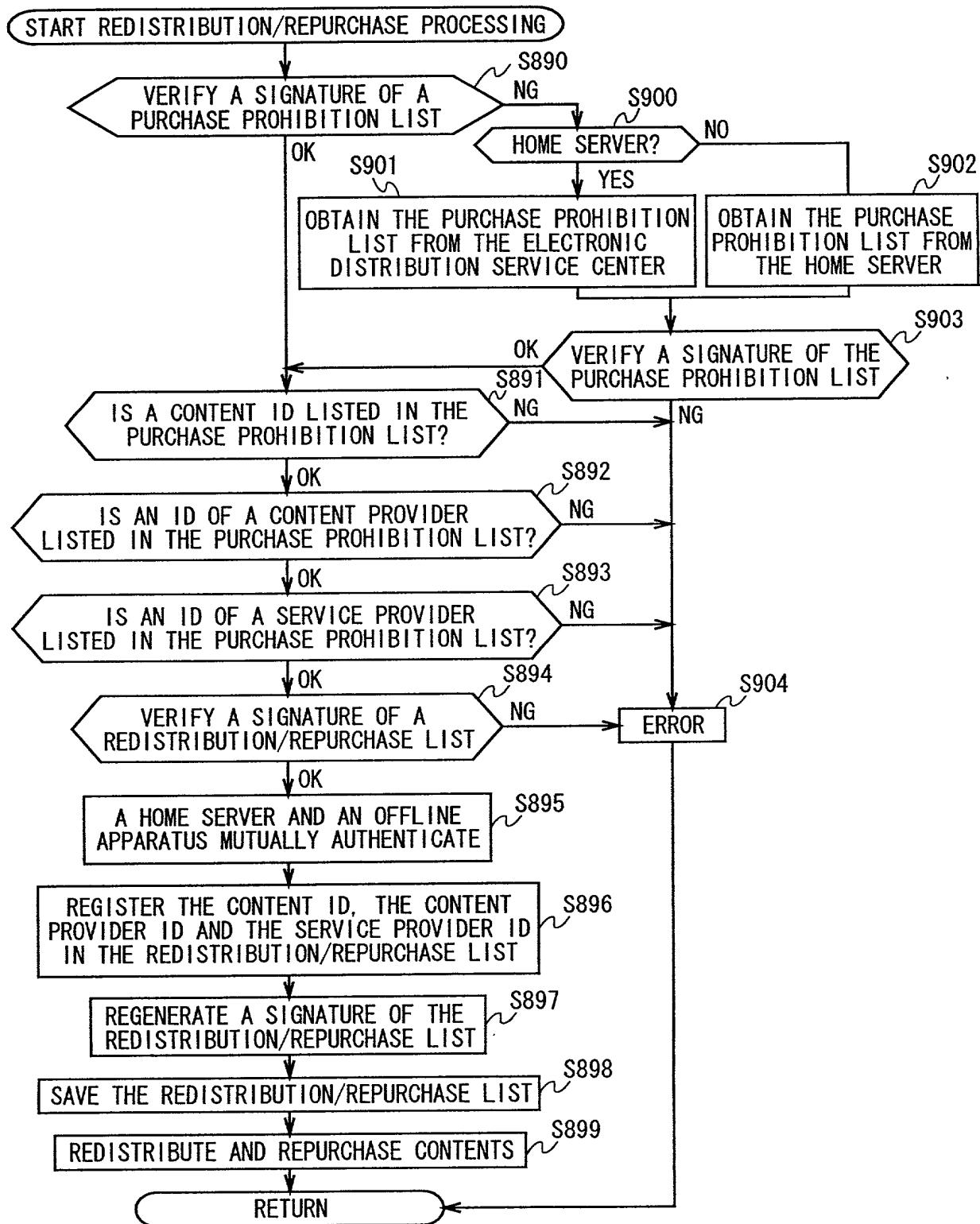


FIG. 110

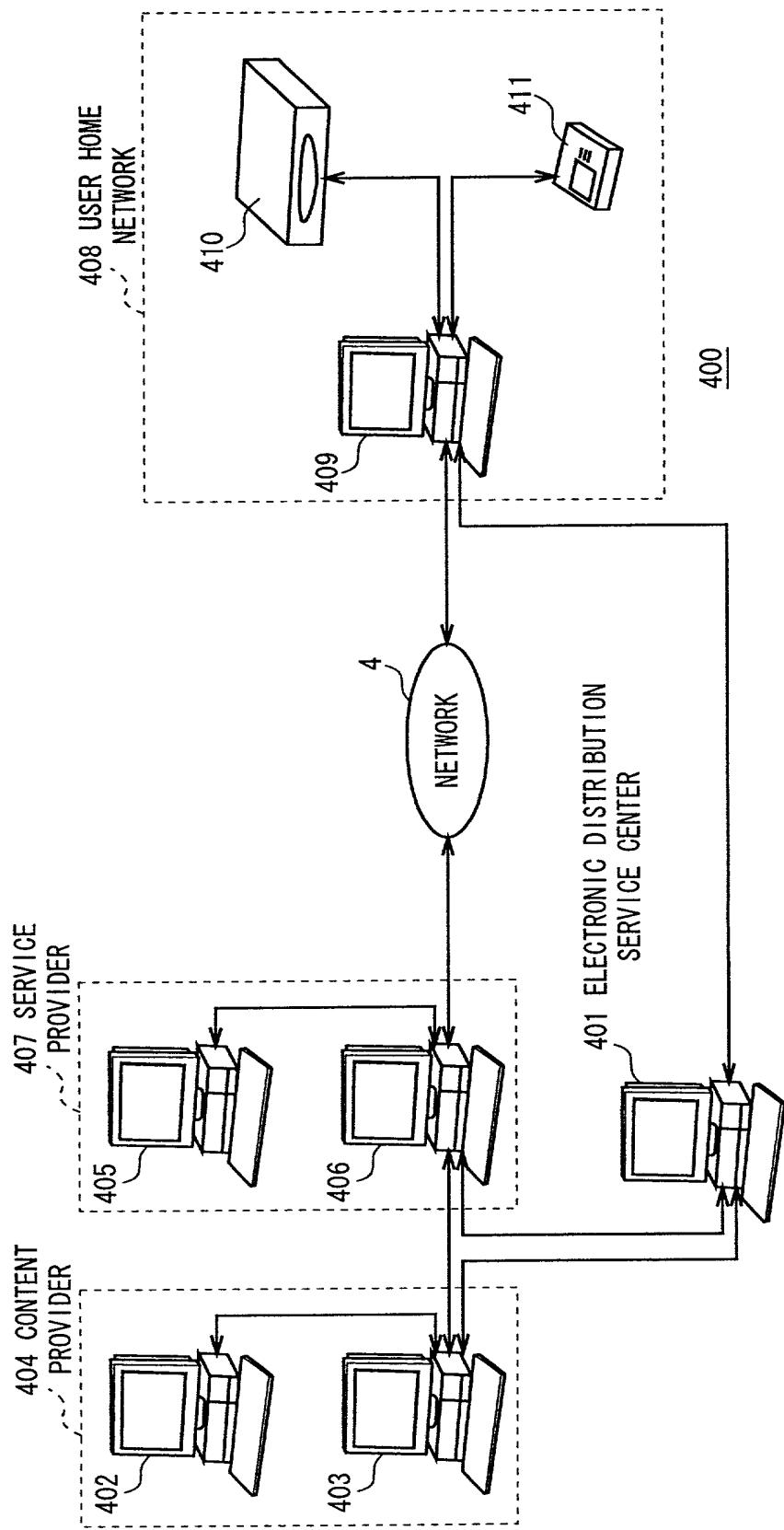


FIG. 111

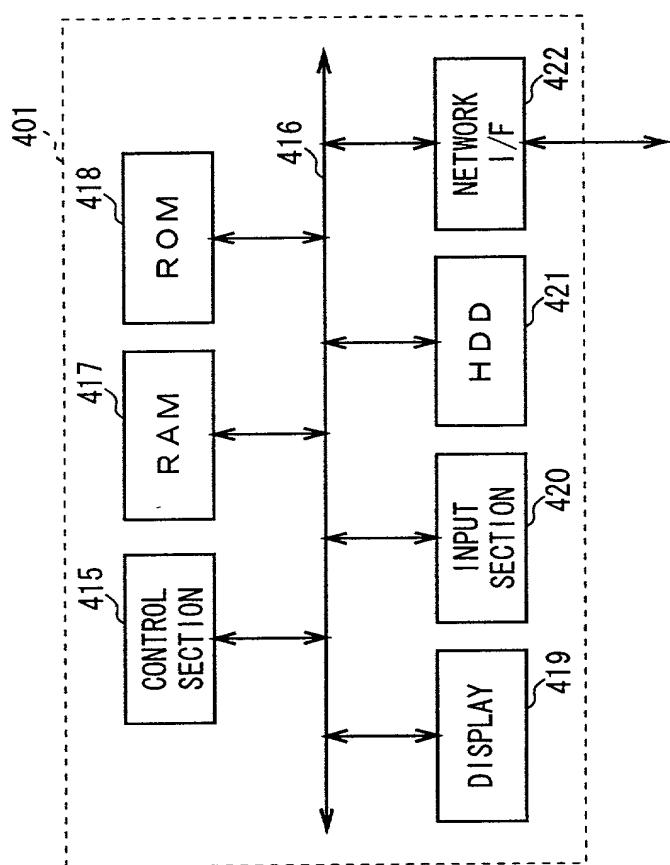


FIG. 112

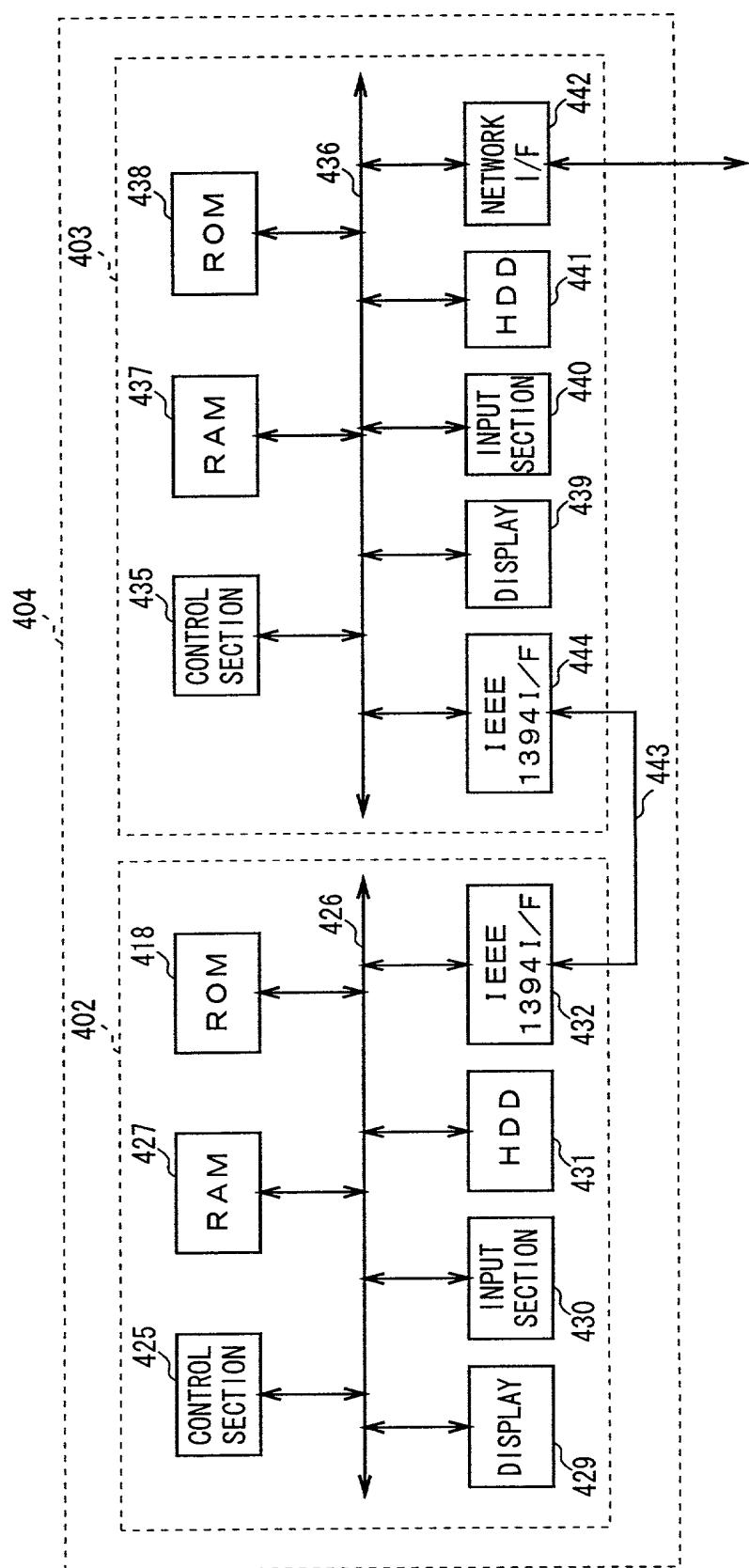


FIG. 113

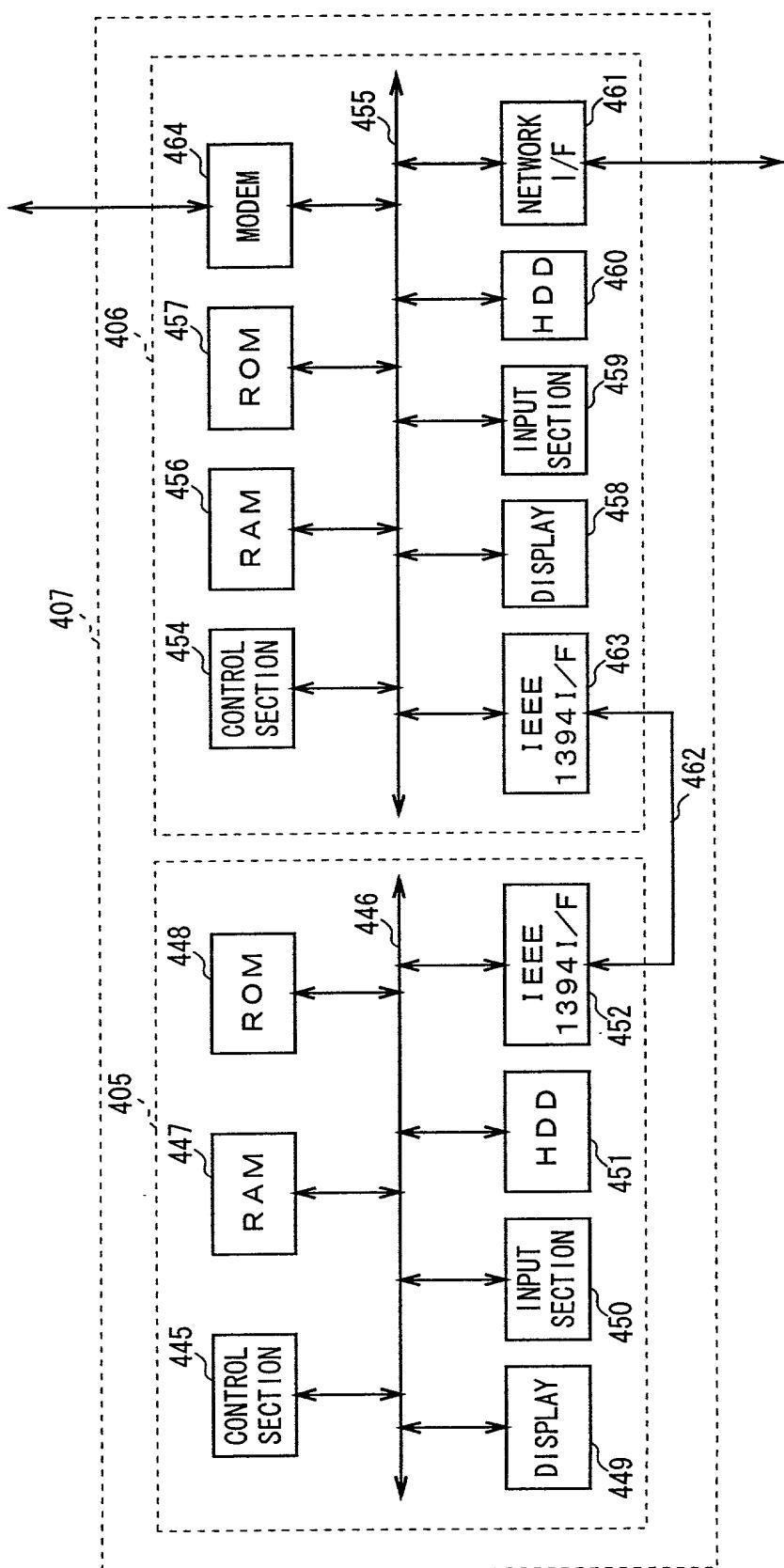
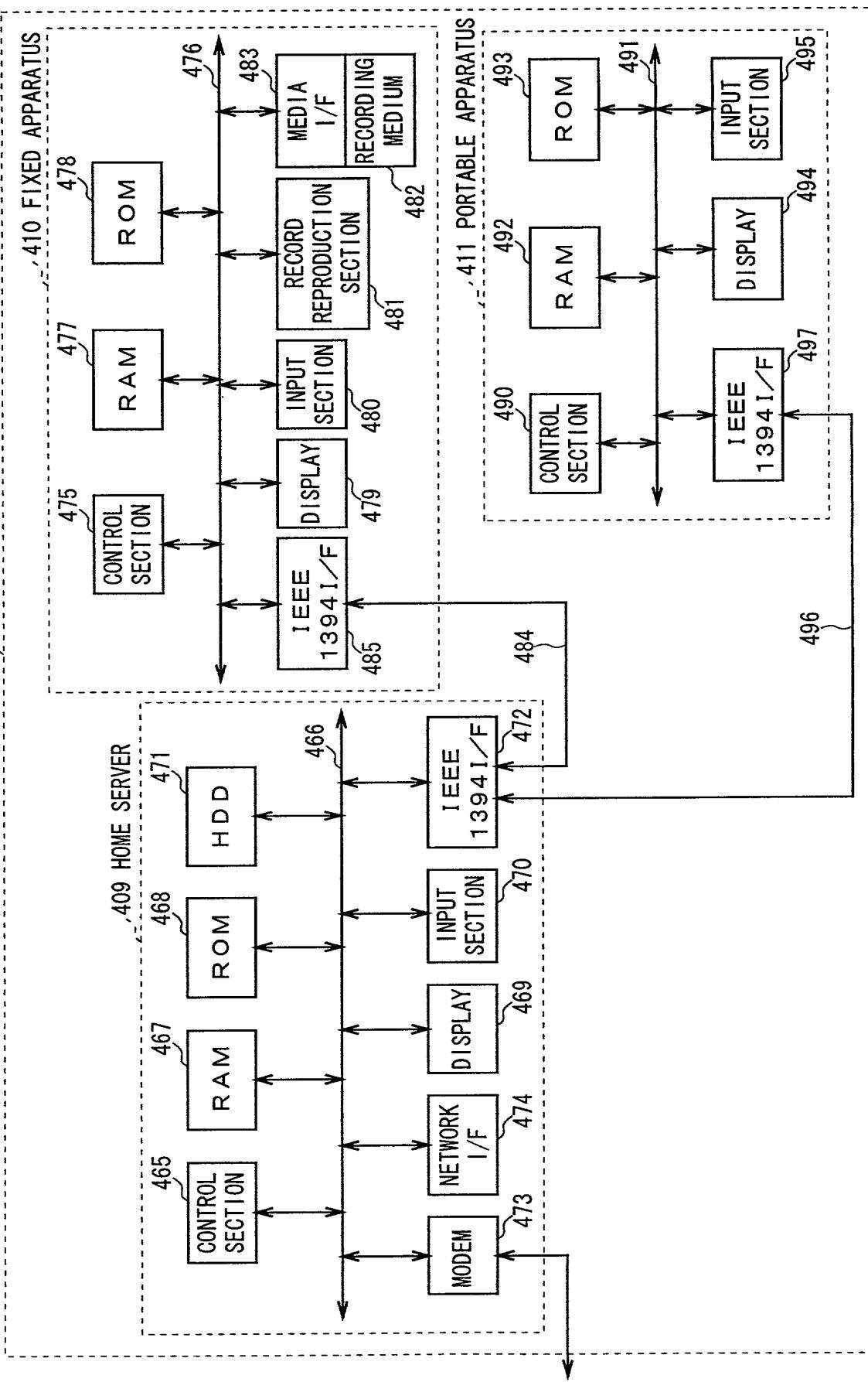
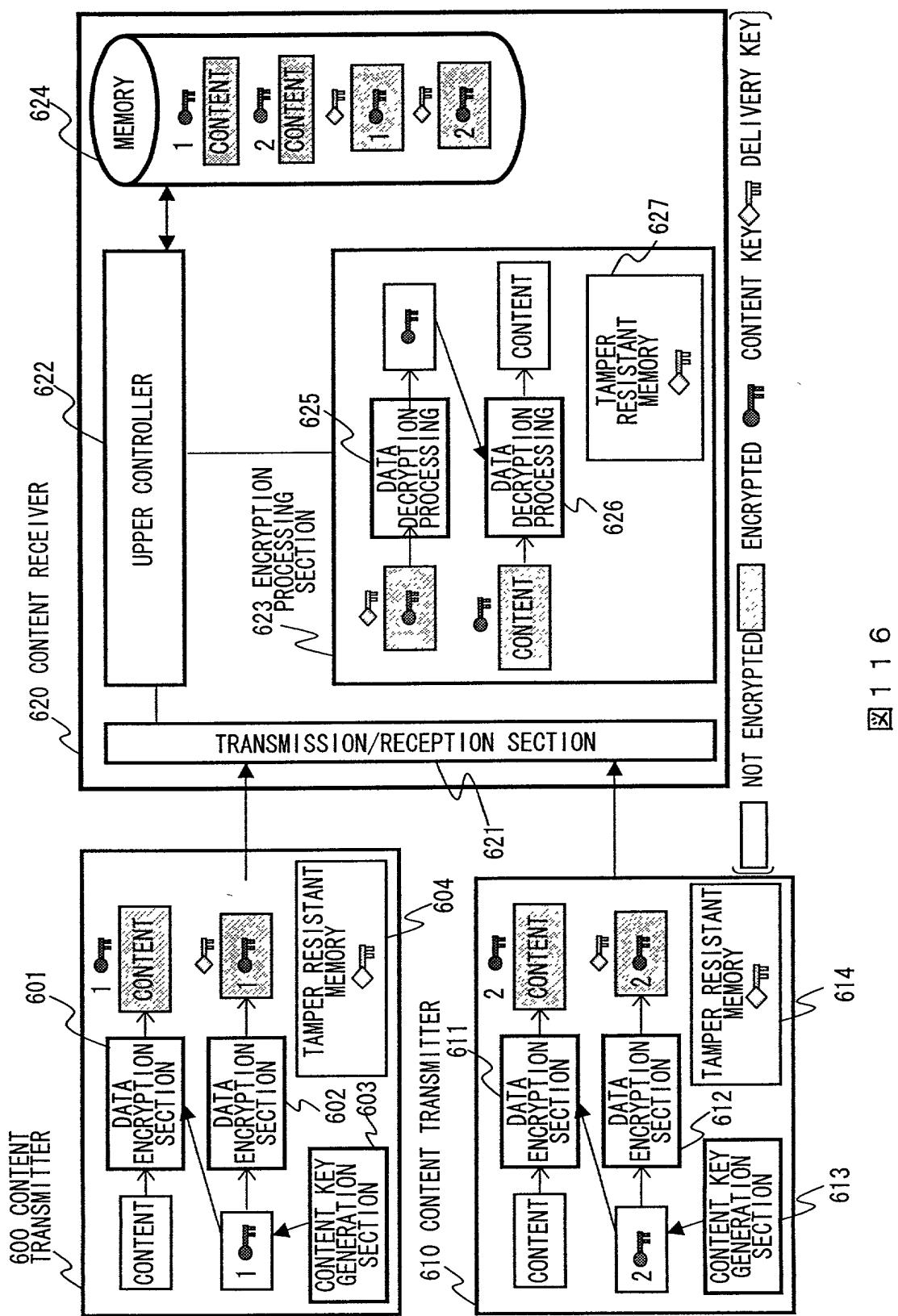


FIG. 114

408





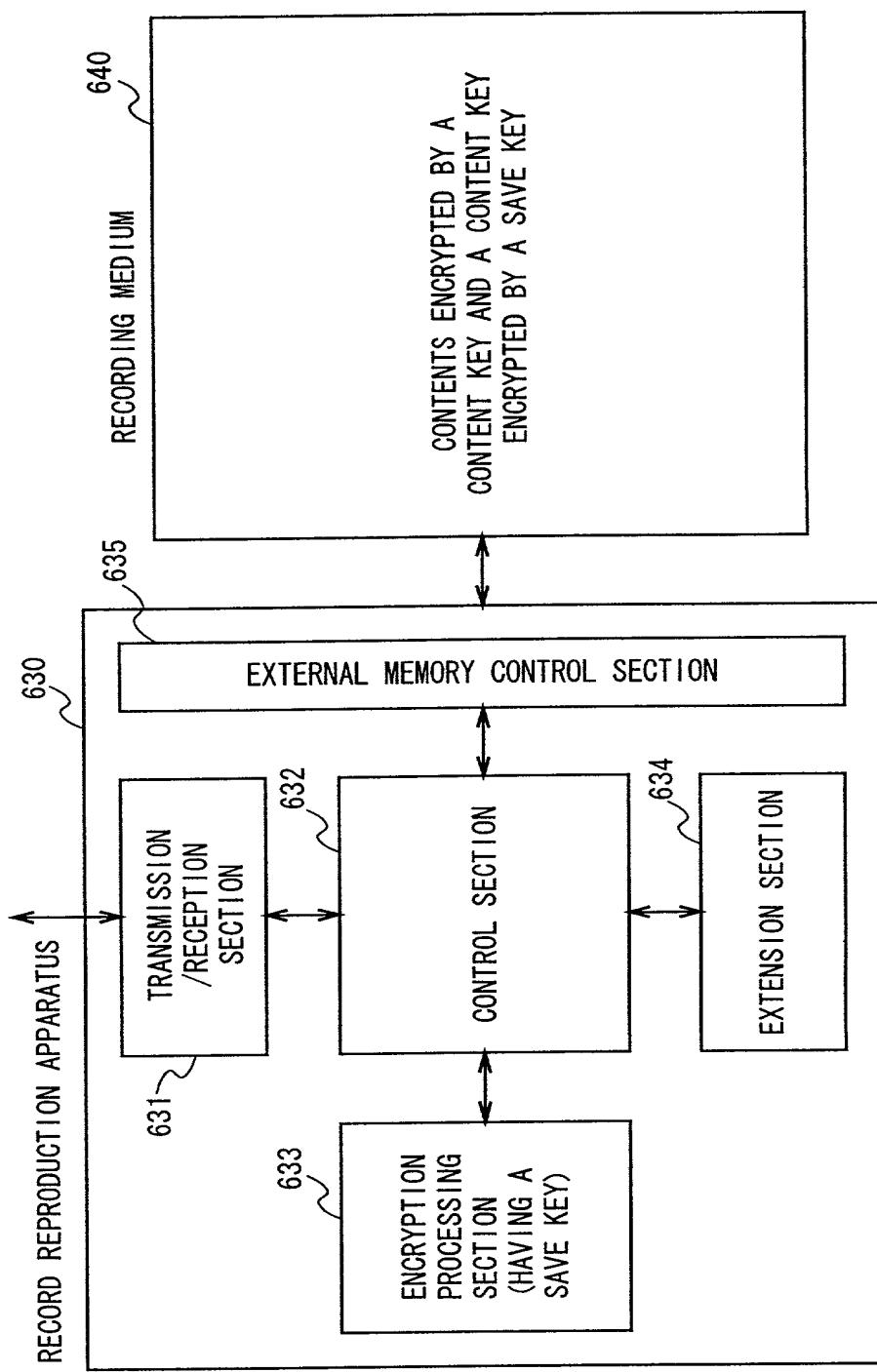


FIG. 117

DESCRIPTION OF SYMBOLS

1, 401 ... Electronic distribution service center, 2, 404 ... Contents provider, 3, 407 ... Service provider, 4 ... Network, 5, 408 ... User home network, 10, 400 ... Electronic music distribution system, 34 ... Contents encryption section, 36 ... Contents key encryption section, 37, 206 Handling policies generation section, 38, 45, 207 ... Signature generation section, 40, 202 ... Memory, 44 ... Pricing section, 51 ... Home server, 61, 260, 300, 350 ... Communication section, 62, 351 ... Upper controller, 65, 122, 262, 301, 352 ... Encryption processing section, 68 ... Mass storage section, 91, 212, 261, 360 ... Control section, 92, 311 ... Storage module, 94 ... Purchase processing module, 96 ... Encryption/decryption module, 111, 320 ... Decryption unit, 115 ... Signature verification unit, 123, 303 ... External memory, 130, 302 ... External memory control section, 203, 204 ... Data encryption section, 221 ... Sending and receiving section, 222 ... Signature verification section, 223 ... Data decryption section, 226 ... Comparator, 250 ... Recording and reproducing apparatus, 251, 334 ... Electronic distribution-specific record medium, 263 ... Expansion section, 321 ... Encryption unit, 330 ... Information provision apparatus, 331 Hosting server, 332 ... KIOSK terminal, 333 ... Record medium, 353 ... Digital watermark insertion section, 402, 405 ... Personal computer for a server, 403, 406 ... Personal computer for signal processing.